

Index of Subjects

Volume 149, 1996

A1 restricted tissue distribution

embryonic development, 2133

Actin

neutrophil, changes during sequestration, 963

Adenocarcinoma

colorectal

K-ras2 mutation, intratumor heterogeneity, 237

pancreatic ductal

K-ras and p53 mutation (hamster), 1333

prostate

monocyte chemoattractant protein-1 gene expression, 501

stomach

Bcl-2 family protein immunohistochemistry, 1449

Adenoma

renal cortical

chromosomal abnormalities by comparative genomic hybridization (*abstract*), 1785

Adenovirus gene transfer

macrophage inflammatory protein-2 (rat), 1395

Adhesion

colon carcinoma with P-selectin, 1661

gastric carcinoma

$\alpha_6\beta_4$ integrin and laminin, 781

monocyte, retinal endothelium, 1745

monocytes to human atherosclerotic plaques, 73

vascular smooth muscle cells to collagen gels

osteopontin regulation, 259

Adhesion molecule

neural cell

Ito cells, liver (rat), 449

P-selectin

colon carcinoma adhesive interactions with, 1661

schistosomal egg granuloma, 187

up-regulation, 1745

Adhesion receptor

integrin, 1651

Allergen

contact

predictive assay in human skin explant cultures, 337

Allograft

heart

cytokine *in situ* expression (human), 1991

renal

rejection (rat), 2055

Allograft vasculopathy

aortic

differentially expressed genes (rat), 597

Alveolar damage, diffuse

apoptosis, 531

metalloproteinases and their tissue inhibitors in, 1241

Alveolar type II cells

crossroad of inflammation, fibrogenesis, and neoplasia, 1423

Alveolitis

extrinsic allergic

Corynebacterium parvum challenge induction (rat), 1303

immunoglobulin G immune complex induced

complement requirements, 1081

Alzheimer's disease

amyloid precursor-like protein-2 distribution, 1087

animal models, 219

neurofibrillary tangles in

antibodies to presenilin proteins detect, 1839

neuronal oxidative damage, 21

p3 β -amyloid peptide immunohistochemical profile, 585

Amino sugar

apoptotic eosinophil macrophage phagocytosis inhibited by, 911

Amplification efficiency

GC-rich ApoE sequence

instrument-specific PCR cycling characteristics affecting (*abstract*), 1777

β -Amyloid peptide

cerebral β -amyloidosis not caused by high circulating levels (mice), 219

p3

immunohistochemical profile in Alzheimer's disease, 585

Amyloid precursor protein (APP)

brain distribution in Alzheimer's disease, 1087

neuritic clusters with APP in brain damaged by thiamine deficiency, 1063

Amyloid precursor-like protein-2 (APLP-2)

brain distribution in Alzheimer's disease, 1087

Amyloid- β (1-42(43))

full-length in diffuse plaques, 1823

Amyloid- β 42(43)

- amino-terminally modified and truncated in diffuse plaques, 1823
- β -Amyloidosis, cerebral**
 - transgenic mice, 219
- Aneuploidy of DNA**
 - intratumor heterogeneity of K-ras2 mutations in colorectal adenocarcinomas, 237
- Angiitis, pulmonary**
 - Corynebacterium parvum* challenge induction (rat), 1303
- Angiogenesis**
 - molecular framework, 1
 - retinoic acid prevention in squamous cell carcinoma, 247
 - vascular endothelial growth factor regulation, 1851
- Angiogenic vessels**
 - quantitation and physiological characterization (mice), 59
- Angiosarcoma**
 - Kaposi's sarcoma-associated herpesvirus-like DNA sequences, 1363
- Angiotensin**
 - renin angiotensin system in human and mouse development, 1797
- Animal models**
 - arteritis in novel congenic strain of mice, 1763
 - human immunodeficiency virus encephalitis in SCID mice, 1027
 - neuritic clusters with amyloid precursor protein immunoreactivity accumulation in brain damaged by thiamine deficiency, 1063
 - pristane-induced arthritis in rats, 1675
 - prostate tumor xenograft histopathologic characterization, 1055
 - retarded skeletal development in transgenic mice with a type II collagen mutation, 2169
- Annual Meeting Abstracts of the Association for Molecular Pathology, 1773**
- Anti-CD44 antibody**
 - fibroblast apoptosis induced by, 1639
- Anti-T-cell receptor V β antibodies**
 - malignant T-cell clone not identified in S  zary syndrome, 1477
- Antibodies**
 - presenilin proteins
 - neurofibrillary tangles detected by, 1839
- Antigen**
 - Fas
 - apoptosis related to, hepatocellular carcinoma (human), 429
 - simian immunodeficiency virus in fetal brain (macaques), 1097
 - soluble
 - oral administration, 1971
- Antisense oligonucleotides**
 - dynamics (mice), 717
- Aorta**
 - allograft vasculopathy
 - differentially expressed genes (rat), 597
 - endothelium
 - HIV-1 infection, 1887
 - graft
 - transplant arteriosclerosis development, 1981
 - thoracic
 - fibroblast growth factor ligand and receptor gene expression, 2119
- APC gene mutation**
 - familial adenomatous polyposis (*abstract*), 1776
- Apolipoproteins**
 - apolipoprotein E deficiency
 - accelerated atheromatous lesions in transplanted hearts (mouse), 91
 - deficiency
 - CD4⁺ T cells in atherosclerotic lesions, 359
 - immune deposit accumulation, 1313
- Apoptosis**
 - atherosclerotic lesions
 - gruel and plaque instability, 367
 - dietary restriction inducing
 - π -class glutathione-S-transferase-positive hepatocytes, 1585
 - endothelial cell
 - cell fusion to study nuclear-cytoplasmic interaction, 115
 - neutrophil serine proteases proteinase 3 and elastase induction, 1617
 - factors p53, Bcl₂, and Bax in neuroendocrine lung tumors, 1941
 - Fas antigen expression related to apoptosis in hepatocellular carcinoma (human), 429
 - HIV-potiated Fas-mediated calmodulin's role, 903
 - immunodetection of histone epitopes correlates with early stages, 653
 - immunodetection of proteins regulating, 177
 - in situ* assay in myocardial infarction detection, 821
 - keloid etiology, 1441
 - p53 and WAF1 expression in diffuse alveolar damage, 531
 - rheumatoid arthritis, 2143
 - senescent eosinophil
 - monocyte-derived macrophage phagocytosis, 911
 - susceptibility to, 1971
 - type II pneumocyte resolution in acute lung injury, 845
- Archival tissues**

- feasibility of use in molecular oncology/epidemiology, 399
- Aromatase**
common epithelial ovarian neoplasm (human), 45
- Arteriosclerosis, transplant**
nitric oxide synthase expression in, 1981
- Arteritis**
genetic dissociation from glomerulonephritis, 1763
temporal
degenerated internal elastic lamina in, 1427
- Arthritis. *see also* Rheumatoid arthritis**
pristane-induced (rat), 1675
- Asbestos**
bronchiolar-alveolar duct regions exposed to
transforming growth factor- α up-regulated expression (rat), 205
- Association for Molecular Pathology, Annual Meeting Abstracts**, 1773
- Astrocytoma**
pilocytic, sporadic, 621
- Atherogenesis**
localized adhesion of monocytes to atherosclerotic plaques, 73
- Atheroma**
accelerated
hearts transplanted to apolipoprotein-E-deficient recipients (mouse), 91
- Atherosclerosis**
apoptosis in inflammatory cells
gruel and plaque instability, 367
immunology in mouse models, 351
inhibition of
CD4 T-cell-ablated and nude hyperlipidemic mice, 675
local immune response, 359
monocyte adhesion to plaques
in vitro demonstration, 73
platelet-derived growth factor expression, 831
very low density lipoprotein receptor mRNA in (rabbit), 1831
- Autoantibody**
limited production in arteritis, 1763
myeloperoxidase
glomerular injury aggravated by (rat), 1695
- Autotransplantation**
peripheral blood stem cell harvests used in
breast cancer cells (*abstract*), 1785
- B7-2 costimulatory molecule**
schistosomal egg granuloma, 187
- B-cell monoclonality**
PCR amplification to detect (*abstract*), 1780
- Bartonella henselae**
cat scratch disease, 2161
- Basement membrane**
delayed repair in post-thermal corneal injury, 1287
glomerular, 1695
- Basic fibroblast growth factor**
human mast cell
pulmonary fibrotic disorders, 2037
- Bax and Bcl₂**
neuroendocrine lung tumors, 1941
- Bcl-2**
colorectal tumor expression, 1719
family proteins in gastric adenocarcinoma, 1449
gene rearrangements
immunoglobulin H PCR assay to screen for (*abstract*), 1780
- Bcl-x_L**
Kaposi's sarcoma preferential expression, 795
- Benditt, Earl Philip**, vii
- Biliary epithelial cell**
phenotype expression in clonogenic hepatocytes, 1593
- Biopsy of archival tissues**
cat scratch disease patients, 2161
- Bladder carcinoma**
CD44 gene expression, 873, 1519
connexin expression and intercellular communication in *in vitro* culture, 1321
transitional cell
chromosome 3 allelic losses and microsatellite alterations, 229
- Bleomycin lung injury**
keratinocyte growth factor ameliorating, 1963
- Blood flow, decreased**
endothelial repair disrupted by, 2107
- Bone marrow mast cells**
flow cytometric analysis, 1493
- Bordetella pertussis**
detection in respiratory specimens (*abstract*), 1781
- Bracken fern**
tumor induction (*letter*), 1417
- Brain**
Alzheimer's disease. *see also* Alzheimer's disease
p3 β -amyloid peptide immunohistochemical profile, 585
amyloid precursor-like protein-2 distribution, 1087
simian immunodeficiency virus nucleic acid and antigen localization (macaques), 1097
thiamine deficiency damaging, 1063
- BRCA1 mutation**
breast/ovarian cancer familial history (*abstract*), 1776
- Breast cancer**
aberrant p16^{INK4A} expression, 15

- CD44 gene expression, 1519
ductal carcinoma *in situ* lesion molecular analysis, 733
genetic heterogeneity
 fluorescence *in situ* hybridization definition, 751
matrix metalloproteinase family member expression
 tumor-induced host response, 273
scatter factor
 binding to thrombospondin and other extracellular matrix components, 805
 protein levels in, 1707
- Breast tumor**
 progesterone receptor-positive
 lactate dehydrogenase-B mRNA in (*abstract*), 1784
- Bronchiolar-alveolar duct region**
 transforming growth factor- α up-regulated expression in asbestos-exposed rats, 205
- c-myc**
 Kaposi's sarcoma expression, 1871
 transforming growth factor- α co-expression in transgenic mice, 407
- Cachexia**
 wound healing with TNF- α inhibition (mouse), 195
- Calmodulin**
 apoptosis
 HIV-potentiated Fas-mediated, 903
- Cancer/carcinoma.** see specific organs
- Carcinoembryonic antigen**
 carcinoma cell expression in colon, 1157
- Carcinogenesis**
 bracken fern ingestion (*letter*), 1417
 epithelial, 1553
 pancreatic ductal
 islet cell proliferation enhancement (hamster), 1017
- Carcinoma.** see also specific organ
 breast *in situ* lesions
 molecular analysis, 733
 complement inhibitory protein expression (human), 129
 heterogeneous ovarian, 511
 MAP17 up-regulation, 493
- Cardiotrophin-1**
 tumor necrosis factor production inhibited by heart and serum (mice), 1847
- Cartilage**
 synovial fibroblast invasion in rheumatoid arthritis patients, 1607
- Cat scratch disease**
 Bartonella henselae DNA in archival biopsies, 2161
- CD4 monoclonal antibodies**
 atherosclerotic lesions reduced by (mice), 675
- CD4⁺ T cells**
 atherosclerotic lesions in apolipoprotein-E-deficient mice, 359
- CD9**
 nervous system myelin, 575
- CD30**
 ligand expression in Hodgkin's disease-involved lymphoid tissues, 469
 primary cutaneous lymphoma positive for, 483
- CD40**
 prognostic marker for primary cutaneous malignant melanoma, 1953
- CD44**
 anomalous gene expression in breast, bladder, and colon cancers, 1519
 anti-CD44 antibody
 fibroblast apoptosis induced by, 1639
 cell proliferation related to
 colorectal neoplasm epithelium and stroma, 1147
 gene expression loss in bladder cancer, 873
- CD46**
 carcinoma expression (human), 129
- CD55 and CD59**
 carcinoma expression (human), 129
- CD79 α**
 acute myeloid leukemia expression, 1105
- CD95 ligand transcripts**
 Paneth cell expression, 9
- Cell cycle**
 gene expression regulation in colorectal neoplasia, 381
- Cell death.** see also Apoptosis; Necrosis
 A1 protection against, 2133
- Cell fusion**
 nuclear-cytoplasmic interaction in endothelial cell apoptosis, 115
- Cell migration, vascular**
 plasminogen activator inhibitor role, 923
- Cell motility**
 tumor progression and proteases linked to, 1073
- Cell proliferation.** see Proliferative activity
- Cell replication**
 MAP17 modulation, 493
- Cell-cell interaction**
 smooth muscle cell phenotype *in vitro*, 687
- Cellular transcription**
 interleukin-8 regulation, 1685
- Cerebral ischemia**
 integrin $\alpha_v\beta_3$ expression in selected microvessels (nonhuman primate), 37
- Cervix uteri**

- intraepithelial lesions and carcinoma
monocyte chemoattractant protein-1 gene expression in, 1469
- Chagas' disease**
myocardiopathy, 2153
- Chemoattractant protein-1**
monocyte
umbilical vein endothelial cell secretion, 953
- Chemokine**
 α -quartz-induced expression in lung epithelial cells, 1627
membrane attack complex-mediated release, 953
simian immunodeficiency virus-induced AIDS encephalitis expression, 1459
- Chlamydia trachomatis**
polymerase chain reaction quality control (*abstract*), 1782
- Chondrosarcoma, myxoid**
extraskeletal (*abstract*), 1785
- Chromosome disorders**
3p loci microsatellite alteration in lung tumor, 613
17p13 (p53 locus) alterations in gastric carcinoma, 1575
chromosome 3 allelic losses and microsatellite alterations in transitional cell carcinoma of urinary bladder, 229
deletion patterns in prostate cancer, 1565
numerical changes in multiple myeloma, 153
- Clear cell renal lesions**
von Hippel-Lindau disease, 2089
- Clearance kinetics**
phosphorothioate oligodeoxynucleotides (mice), 717
- Collagen**
 $\alpha 1(I)$ gene expression in cachexia
TNF- α inhibition (mouse), 195
platelet-derived growth factor causes deposition, 539
remodeling in emphysema, 1405
type II mutation
retarded skeletal development with, 2169
type VI
vascular subendothelium (human), 283
type VII
gastric carcinoma expression, 781
- Collagen gel**
vascular smooth muscle cell adhesion to
osteopontin regulation, 259
- Collagenase**
92-kd type IV cellular distribution in hepatocellular carcinoma (human), 1803
injured cornea expressing, 1287
- Colon**
p53 gene
exon-specific DNA hypomethylation, 1129
- Colon carcinoma**
adhesive interactions with P-selectin, 1661
carcinoembryonic antigen expression
organ microenvironment regulation, 1157
CD44 gene expression, 1519
recurrence prediction
multiparametric *in situ* mRNA hybridization for, 1541
- Colony-stimulating factor, macrophage**
osteopetrosis mouse, 559
- Colorectal carcinoma**
chromosome 18q heterozygosity loss (*abstract*), 1786
sporadic non-familial
genetic changes in (*abstract*), 1785
- Colorectal neoplasia**
Bcl-2 expression in, 1719
cell cycle-regulated gene expression, 381
epithelium and stroma
CD44 expression and cell proliferation in, 1147
- Complement**
lung inflammatory injury, 1081
membrane attack complex of
interleukin-8 and monocyte chemoattractant protein-1 secretion induced by, 953
- Complement fragments**
neutrophil sequestration induced by (rabbit), 963
- Complement inhibition**
soluble complement receptor-1
vascular injury affected by, 2055
- Complement inhibitory proteins**
carcinoma expression (human), 129
- Connexin**
intercellular communication in bladder carcinoma (human), 1321
- Consensus-interferon**
Kaposi's sarcoma cell proliferation and migration regulated by, 1871
- Contact allergen**
predictive assay in human skin explant cultures, 337
- Cornea**
embryonic fibronectin isoforms expressed in healing cornea, 549
re-epithelialization postinjury
matrix metalloproteinase role, 1287
- Coronary artery**
post-PTCA
platelet-derived growth factor-A and -B chain mRNA detection, 831
- Corticobasal degeneration**
paired helical filaments showing ultrastructural instability, 639

Corynebacterium parvum

allergic alveolitis and pulmonary angitis induced by challenge with (rat), 1303

Cross-linking

β_1 integrin receptors
glomerular permeability to macromolecules altered by, 987

Cyclin

kinase inhibitor $p21^{waf-1}$ dependent on differentiation-associated overexpression, 1139
kinase inhibitor $p21^{WAF1/CIP1}$
malignant melanoma expression, 1813

Cytogenetics

heterogeneous ovarian carcinomas, 511
interphase in Hodgkin's disease, 463

Cytokines

angiogenic
endothelial cell proteins induced by, 1
in situ expression in heart allografts (human), 1991
scatter factor. *see* Scatter factor

Cytomegalovirus

endothelial cells infected by
p53 cytoplasmic sequestration in, 1531

Cytoskeleton

neutrophil, 963
reorganization in endothelial cell repair
low blood flow disrupting, 2107

Decay-accelerating factor

carcinoma expression (human), 129

Deletion, chromosome

prostate cancer, 1565

Diabetes

non-obese diabetic mouse (*letter*), 727

Dichloromethylene diphosphonate

liposome-encapsulated
Kupffer cell repopulation after intravenous administration (mice), 1271

Dideoxyfingerprinting, bidirectional

choroideremia gene alterations detected by (*abstract*), 1777

Dietary restriction

apoptosis induced by
 π -class glutathione-S-transferase-positive hepatocyte, 1585

Differential diagnosis, molecular

renal carcinoma, 1791, 2081

Differentiation marker

hepatocellular and biliary
hepatocellular carcinoma classification according to, 1167

Digoxigenin chemiluminescence

hepatitis G virus RNA RT/PCR product detection (*abstract*), 1783

Dimethylhydrazine

p53 gene exon-specific DNA hypomethylation induced by (rat), 1129

Disialogangliosides, glomerular

puromycin nephrosis (rat), 1009

DNA

Bartonella henselae in cat scratch disease, 2161
fragmentation in endotoxic shock (mouse), 1381
herpesvirus-like
Kaposi's sarcoma-associated, 1363
hypomethylation
exon-specific, 1129
kinetoplast
Trypanosoma cruzi, 2153
topoisomerase II
immunohistochemistry in gastric disorders (human), 997

Down-regulation

β_{1C} integrin in prostate carcinoma, 765

Ductular reaction

submassive necrosis (humans), 439

Dye binding method

visible spectrophotometric genomic DNA measurement (*abstract*), 1777

E-cadherin immunohistochemistry, 1321

Egg granuloma

schistosomal
B7-2 costimulatory, major histocompatibility complex class II, and adhesion molecule expression, 187

Elastase

endothelial cell apoptosis induced by, 1617

Elastin remodeling

emphysema, 1405

Electron microscopy

scanning
elastin and collagen remodeling in emphysema, 1405
scanning transmission
paired helical filament ultrastructural instability from corticobasal degeneration, 639

Embryo

development showing A1 restricted tissue distribution, 2133
renin-angiotensin system component expression (human), 2067

Embryogenesis

tissue factor expression (human and mouse), 101

Emphysema

elastin and collagen remodeling in, 1405

Encephalitis

- human immunodeficiency virus (HIV)
 - modeling *in vivo*, 745
 - SCID mouse model, 1027
- simian immunodeficiency virus-induced, 1459

Endothelial cell

- apoptosis
 - cell fusion to study nuclear-cytoplasmic interaction, 115
 - neutrophil serine proteases proteinase 3 and elastase induction, 1617
- $\beta 7$ integrin expression by (human), 1651
- complement activation products stimulation, 1081
- cytomegalovirus-infected
 - p53 cytoplasmic sequestration in, 1531
- ferritin protection against oxidized low density lipoprotein (*letter*), 345
- MDR1 P-glycoprotein expression in glioma capillaries, 853
- migration
 - TGF- $\beta 1$ regulation, 923
 - vascular permeability factor/vascular endothelial growth factor stimulation, 293
- nitric oxide synthase expression in transplant arteriosclerosis, 1981
- proliferating, Bcl-x_L preferential expression, 795
- repair *in vivo*
 - blood flow decrease disruption, 2107
- transformed
 - TNF-induced FGF-1 as survival factor, 945
- umbilical vein
 - interleukin-8 and monocyte chemoattractant protein-1 secretion, 953

Endothelium

- corneal
 - embryonic fibronectin isoform expression, 549
- monocyte adhesion to
 - cerebral malaria with (murine), 1745

Endotoxin shock

- DNA fragmentation in mouse organs, 1381

Enzymes

- peptidyl-glycine α -amidating mono-oxygenase (PAM), 707

Eosinophils

- senescent apoptotic
 - monocyte-derived macrophage phagocytosis, 911

Epidermal growth factor

- receptor expression in oligodendroglial tumor, 29

Epidermis

- normal human
 - T cell subsets in, 665

Epilepsy

- rat model with spontaneous limbic-like seizures, 329

Epithelial carcinogenesis

- early phase
 - mitogen-activated protein kinase phosphatase-1 expression, 1553

Epithelial cell

- Epstein-Barr virus expression in Sjögren's syndrome, 1511
- intestinal
 - growth arrest, 895
- lung
 - α -quartz-induced chemokine expression by (rat), 1627
- visceral
 - glomeruli, 319

Epithelium

- colorectal neoplasm
 - CD44 expression, 1147
- corneal
 - embryonic fibronectin isoform expression, 549
- ovarian
 - neoplastic, 45
- prostatic and urogenital
 - polyoma virus middle T gene neoplastic transformation, 1177
- repair after inflammation
 - keratinocyte growth factor, 521

Epstein-Barr virus

- Hodgkin's disease, 1501
- mucosal lymphocytes infected with
 - nasal polyps, 1111
- Sjögren's syndrome with, 1511

Ets-1 proto-oncogene

- gastric carcinoma expression
 - tumor invasion correlated with (human), 1931

Exon

- p53 gene DNA hypomethylation specific to dimethylhydrazine induction, 1129

Explant culture

- skin
 - contact allergen predictive assay, 337

Extracellular matrix

- degradation in gelatinase B, 1803
- scatter factor binding, 805
- smooth muscle cell phenotype *in vitro*, 687

Factor V_{Leiden} mutation

- assay automation (*abstract*), 1778
- detection with PCR-RFLP versus PCR amplification of specific alleles (*abstract*), 1775
- heteroduplex generator analysis (*abstract*), 1775

Fas antigen apoptosis

- calmodulin's role, 903
- hepatocellular carcinoma (human), 429
- Fecal specimen preparation**
 - PCR assay (*abstract*), 1782
- Ferritin**
 - endothelial cell protection against oxidized low density lipoprotein (*letter*), 345
- Fibrillin**
 - vascular subendothelium (human), 283
- Fibrin**
 - microvessel expression in focal cerebral ischemia (nonhuman primate), 37
- Fibrinolysis**
 - molar pregnancy, 1229
- Fibroblast**
 - activation
 - granulation tissue induction rate-limiting step, 1257
 - apoptosis
 - anti-CD44 antibody induction, 1639
 - human mast cell basic fibroblast growth factor
 - pulmonary fibrotic disorders, 2037
- Fibroblast growth factor**
 - angiogenic vessels
 - quantitation and physiological characterization (mice), 59
 - FGF-1
 - TNF-induced, 945
 - ligand and receptor gene expression
 - postnatal regulation (rat), 2119
- Fibrogenesis**
 - alveolar type II cells, 1423
- Fibronectin**
 - embryonic isoforms expressed in healing corneas, 549
- Fibroproliferative lung disease**
 - fibroblast apoptosis induced by anti-CD44 antibody, 1639
- Fibrosis, pulmonary**
 - human mast cell basic fibroblast growth factor, 2037
 - metalloproteinases and their tissue inhibitors in, 1241
 - platelet-derived growth factor in, 539
- Filaments**
 - paired helical
 - instability from corticobasal degeneration, 639
- Flow cytometric analysis**
 - mast cell
 - bone marrow, 1493
- Flow cytometric DNA ploidy**
 - FISH anomalies compared in prostate cancer, 1193
- Fluorescence in situ hybridization (FISH), see also Hybridization**
 - breast carcinoma genetic heterogeneity, 751
 - chromosome deletion patterns in prostate cancer, 1565
 - chromosome numerical changes in multiple myeloma, 153
 - dual-color
 - chromosome 17p13 (p53 locus) alterations in gastric carcinoma, 1575
 - isolated nuclei in prostatic adenocarcinoma, 1193
- Folate**
 - p53 gene exon-specific DNA hypomethylation modulated by, 1129
- Fragile X**
 - CCG locus PCR evaluation (*abstract*), 1776
 - CGG repeat PCR amplification analysis (*abstract*), 1775
 - molecular detection in clinical referrals (*abstract*), 1775
- Fusion of macrophages**
 - mannose receptor activity inhibitors preventing, 975
- Gangliosides, glomerular**
 - nephrosis, 1009
- Gastric carcinoma**
 - adhesion mechanism
 - $\alpha_6\beta_4$ integrin and laminin, 781
 - chromosome 17p13 (p53 locus) alterations
 - dual-color fluorescence *in situ* hybridization analysis, 1575
 - Ets-1 proto-oncogene expression in
 - tumor invasion correlated with (human), 1931
- Gastric disorders**
 - DNA topoisomerase II immunohistochemistry, 997
- Gastritis, atrophic**
 - pseudopyloric metaplasia and antral and fundic glands, 781
- Gastrointestinal disease**
 - Nef gene variant of SIMmac239 induction (macaques), 163
- Gastrointestinal epithelia**
 - Paneth cells express high levels of CD95 ligand transcripts, 9
- Gel electrophoresis**
 - constant denaturant in mutation screening (*abstract*), 1786
- Gelatinase**
 - 92-kd (MMP-9)
 - macrophages in temporal arteritis, 1427
 - expression in injured cornea, 1287
 - gelatinase B

cellular distribution in hepatocellular carcinoma (human), 1803

Gene

amplification in oligodendroglioma, 29
histocompatibility complex
 chronic rheumatoid arthritis influenced by, 1675
Met/hepatocyte growth factor receptor in musculoskeletal tumors, 1209
monocyte chemoattractant protein-1
 cervical lesion expression, 1469
polyoma virus middle T
 neoplastic transformation, 1177

Gene expression

c-myc in Kaposi's sarcoma, 1871
CD44
 bladder cancer, 873
 breast, bladder, and colon cancers, 1519
cell cycle regulation in colorectal neoplasia, 381
collagen $\alpha 1(I)$ in cachexia
 TNF- α inhibition (mouse), 195
differential
 aortic allograft vasculopathy (rat), 597
fibroblast growth factor ligand and receptor
 postnatal regulation (rat), 2119
HLA-B27
 Listeria monocytogenes oral infection enhanced by, 1737
HMGI-C in human tissues, 775
monocyte chemoattractant protein-1 in prostatic hyperplasia, 501
VHL gene allelic deletions in von Hippel-Lindau disease, 2089

Gene rearrangement

clonal immunoglobulin in Hodgkin's disease, 1351
immunoglobulin in B-cell non-Hodgkin's lymphoma types (*abstract*), 1780

Gene regulation

transcriptional and post-transcriptional
 mRNA IL-8 stability controlled at, 1685

Gene transfer, adenoviral

macrophage inflammatory protein-2 (rat), 1395

Genestar technology

gastrointestinal bacterial pathogen detection (*abstract*), 1782

Genetic dissociation

arteritis from glomerulonephritis, 1763

Genetic heterogeneity in breast carcinoma

fluorescence *in situ* hybridization definition, 751

Genetic pathway in colorectal carcinoma

sporadic versus ulcerative colitis-associated, 1719

Genetic predisposition to malignant progression

K14-HPV16 transgenic mice, 1899

Germ cell tumor

endogenous retrovirus K elements in, 1727
testicular

 wild-type p53 overexpression, 1221

Gestational trophoblastic disease

plasminogen activator inhibitors, 1229

Glioma

capillary endothelial cells
 MDR1 P-glycoprotein expression, 853

Glomerular disialogangliosides

puromycin nephrosis (rat), 1009

Glomerular injury

mild anti-glomerular-basement-membrane-mediated
 myeloperoxidase autoantibodies aggravate, 1695

Glomerular permeability, macromolecular

cross-linking of β_1 integrin receptors altering, 987

Glomerular visceral epithelial cells

perinuclear distribution of plectin characterizes, 319

Glomerulonephritis

crescentic, 1119
genetic dissociation from, 1763

Glucose

high concentration inducing transforming growth factor- β overexpression, 2095

Glutathione-S-transferase, π -class

hepatocytes positive for, 1585

Glycoprotein

Ib/IX receptors
 thrombin-activated platelets, 629
MDR1 P-glycoprotein
 endothelial cell expression in glioma capillary, 853

Graft vasculopathy

differentially expressed genes (rat), 597

Granulation tissue

mesenchymal cell activation as induction rate-limiting step, 1257

Granuloma

schistosomal egg
 B7-2 costimulatory, major histocompatibility complex class II, and adhesion molecule expression, 187

Growth arrest

intestinal epithelial cell interleukin-11, 895

Growth factor

fibroblast
 ligand and receptor gene expression, 2119
human mast cell basic fibroblast, 2037
keratinocyte
 inflammatory bowel disease overexpression, 521
lung injury ameliorated by, 1963

- Met/hepatocyte
 receptor gene expression, 1209
platelet-derived, 2095
 Kaposi's sarcoma cell proliferation and migration regulated by, 1871
 vascular endothelial
 angiogenesis and vascular permeability regulated by, 1851
- Growth suppression**
 promyelocytic leukemia protein, 2023
- Gruel**
 atherosclerotic lesions, 367
- Heart**
 allografts
 cytokine *in situ* expression (human), 1991
 transplantation
 atheromatous lesions in (mouse), 91
 tumor necrosis factor production in
 cardiotrophin-1 inhibition, 1847
- Helical filaments, paired**
 ultrastructural instability in corticobasal degeneration, 639
- Helicobacter pylori**
 gastric biopsy for CagA gene status assessment (*abstract*), 1781
- Hemidesmosome**
 prostate carcinoma, 1341
- Hemochromatosis, hereditary**
 Cys282Tyr mutation detection (*abstract*), 1776
- Heparin**
 scatter factor to thrombospondin binding inhibition, 805
- Hepatitis C virus RNA detection**
 ligation-dependent polymerase chain reaction, 1485
- Hepatocarcinogenesis**
 transgenic mice in, 407
- Hepatocellular carcinoma**
 hepatocellular and biliary differentiation markers in classification, 1167
 Fas antigen expression and apoptosis, 429
 92-kd type IV collagenase/gelatinase B cellular distribution, 1803
- Hepatocyte**
 clonogenic
 hepatocyte and biliary epithelial cell phenotype expression, 1593
 ductular, 439
 π -class glutathione-S-transferase-positive
 dietary restriction apoptosis (mice), 1585
- Herpesvirus**
 human herpesvirus 6 in Hodgkin's disease, 1501
 Kaposi's sarcoma-associated
 DNA sequences resembling, 1363
 non-AIDS-related lymphomas in body cavities, 53
- Heterozygosity loss**
 breast cancer
 optimal dinucleotide repeat markers for (*abstract*), 1786
- Heymann nephritis, passive**
 immune deposit lipoprotein modification, 1313
- Histocompatibility complex**
 chronic rheumatoid arthritis influenced by, 1675
- Histologic stain**
 PCR analysis affected by
 microdissected paraffin-embedded tissues (*abstract*), 1787
- Histology**
 paraffin-embedded prostatic adenocarcinoma, 1193
- Histone epitopes**
 early apoptosis correlates with immunodetection, 653
- Histopathology**
 prostate tumor xenograft models, 1055
- HLA-B27 gene**
 Listeria monocytogenes oral infection enhanced by, 1737
- HMGI-C gene expression patterns**
 mesenchymal tumor generation, 775
- Hodgkin's disease**
 clonal immunoglobulin gene rearrangement and immunoglobulin gene transcription in, 1351
 human herpesvirus 6 and Epstein-Barr virus in, 1501
 lymphoid tissues showing CD30 ligand expression, 469
 South African
 Epstein-Barr virus latent membrane protein oncogene (*abstract*), 1779
 translocation t(2;5), 463
- Host microenvironment**
 angiogenic vessel quantitation and physiological characterization (mice), 59
- Host response, tumor-induced**
 matrix metalloproteinase family member expression in breast cancer, 273
- Human development, early**
 renin-angiotensin system component expression, 2067
- Human endogenous retrovirus (HERV)-K**
 germ cell and trophoblastic tumors expressing, 1727
- Human herpesvirus 8**
 non-AIDS-related lymphomas in body cavities, 53

Human immunodeficiency virus (HIV)

- calmodulin's role in apoptosis potentiated by, 903
- encephalitis. *see* Encephalitis
- HIV-1 infection of aortic endothelium, 1887
- lymphoma with
 - apoptosis-regulating protein immunodetection, 177
- neurodegeneration mediated by
 - modeling *in vivo*, 745

Hybridization. *see also* Fluorescence *in situ* hybridization
in situ

- Hodgkin's disease studied by, 1501
- multiple myeloma, 153
- t(2;5)(p23;q35) translocation detection of CD30-positive primary cutaneous lymphoma, 483
- matrix metalloproteinases, breast cancer, 273
- multiparametric *in situ* mRNA
 - colon carcinoma recurrence prediction, 1541

Hypercoagulable state

- DNA technology for diagnosis (*abstract*), 1778

Hyperpermeability, microvascular

- molecular and cellular consequences for angiogenesis, 1

Hyperplasia

- benign prostatic
 - KAI1 protein expression, 1435
- prostatic
 - monocyte chemoattractant protein-1 gene expression, 501

Hypomethylation

- exon-specific DNA
 - p53 gene of rat colon, 1129

Immune deposits

- lipoprotein accumulation in passive Heymann nephritis, 1313

Immune response, local

- atherosclerosis, 359

Immunodetection

- apoptosis-regulating proteins in lymphomas with and without HIV infection, 177
- histone epitopes
 - early apoptosis correlates with, 653

Immunoglobulin

- gene rearrangement and transcription in Hodgkin's disease, 1351
- IgH gene rearrangement
 - PCR analysis (*abstract*), 1780

Immunohistochemistry

- Bcl-2 family proteins in adenocarcinomas of the stomach, 1449

DNA topoisomerase II in gastric disorders (human), 997

metalloproteinases and their tissue inhibitors in lung, 1241

Immunology of atherosclerosis

mouse models, 351

Immunophenotyping of Hodgkin's disease, 463

Immunoreactivity

- amyloid precursor protein
 - brain damaged by thiamine deficiency, 1063
- aromatase
 - ovarian neoplasms, 45

Infection

Listeria monocytogenes oral, 1737

Inflammation

- alveolar type II cells, 1423
- pulmonary granulomatous
 - inducible nitric oxide synthase expression (rat), 2005
- vascular
 - complement inhibition with soluble complement receptor-1 affecting, 2055

Inflammatory bowel disease

keratinocyte growth factor overexpression, 521

Inflammatory cell(s)

apoptosis abundant in atherosclerotic lesions, 367

Inflammatory injury of lung

complement's role, 1081

Integrin

$\alpha_6\beta_4$
gastric carcinoma laminin adhesion mechanism, 781

$\alpha_v\beta_3$

endothelial cell migration stimulation, 293
microvessel expression in focal cerebral ischemia (nonhuman primate), 37

β_1 integrin receptors

cross-linking of, 987

β_{1C}

down-regulation in prostate carcinoma, 765

β_7 integrin

endothelial cell expression (human), 1651

Intercellular communication

connexin in bladder carcinoma (human), 1321

Interferon

consensus

Kaposi's sarcoma cell proliferation and migration regulated by, 1871

Interleukin

IL-4

macrophage fusion induced by, 975

vascular and lymphocytic receptors, 1369

IL-8

- transcriptional and post-transcriptional regulation, 1685
- umbilical vein endothelial cell secretion, 953
- IL-11
 - intestinal epithelial cell growth arrest induced by, 895
- Internal elastic lamina**
 - degenerated in temporal arteritis, 1427
- Interphase cytogenetics of Hodgkin's disease**, 463
- Intestine**
 - epithelial cell growth arrest
 - interleukin-11, 895
- Intraepithelial lesion**
 - squamous cervical
 - human papillomavirus-16-infected, 1469
- Iron overload**
 - oval cell induction in liver (rat), 389
- Ischemia**
 - myocardial cell death
 - in situ* apoptosis assay detection, 821
- Islet cell proliferation stimulation**
 - pancreatic ductal carcinogenesis enhancement (hamster), 1017
- Isoform**
 - mRNA and protein
 - CD44 gene expression correlated with, 1519
- Ito cell(s)**
 - neural cell adhesion molecule (N-CAM) expression in liver (rat), 449
- JE/MCP-1 induction**
 - monocyte chemotactic activity secretion in aortic smooth muscle cells (rat), 307
- K14-HPV16 transgenic mice**. *see* **Transgenic mice**
- K-ras2 mutation**
 - intratumor heterogeneity in colorectal adenocarcinoma, 237
- KAI1 protein**
 - prostate expression in benign hyperplasia versus cancer, 1435
- Kaposi's sarcoma**
 - angiogenesis and vascular permeability in vascular endothelial growth factor regulation, 1851
 - Bcl-x_L preferential expression, 795
 - cell proliferation and migration, 1871
 - clonality studies (*abstract*), 1785
 - herpesvirus associated with
 - non-AIDS-related lymphomas in body cavities, 53
 - herpesvirus-like DNA sequences in angiosarcoma, 1363
- Keloid etiology**, 1441
- Keratinocyte**
 - angiogenicity
 - retinoic acid, 247
 - growth factor
 - inflammatory bowel disease overexpression, 521
 - radiation- and bleomycin-induced lung injury ameliorated by, 1963
 - p21^{waf-1}-positive, 1139
- Kidney**
 - allograft rejection (rat), 2055
 - carcinoma of
 - molecular differential diagnosis, 1791
 - macrophage migration inhibitory factor expressed in, 1119
 - multiple microscopic clear cell renal lesions in von Hippel-Lindau disease, 2089
 - renal cell carcinoma
 - tuberous sclerosis associated with, 1201
- Kinase inhibitor**
 - p21^{waf-1} differentiation-associated overexpression in cutaneous squamous cell carcinoma, 1139
 - p21^{WAF1/CIP1} cyclin-dependent, 1813
- Kinetoplast DNA signatures**
 - Trypanosoma cruzi*, 2153
- K-ras mutation**
 - pancreatic ductal adenocarcinoma (hamster), 1333
- Kupffer cell repopulation**
 - liposome-encapsulated dichloromethylene diphosphonate administration preceding (mice), 1271
- Laboratory molecular diagnostics**
 - data organization in (*abstract*), 1778
- Laminin**
 - 5 ($\alpha 3\beta 3\gamma 2$)
 - prostate expression of, 1341
 - gastric carcinoma adhesion mechanism, 781
- Leukemia**
 - acute lymphoblastic
 - T-cell (*abstract*), 1779
 - acute myeloid
 - CD79 α expression, 1105
 - promyelocytic protein
 - heterogeneous nuclear expression in neoplastic human tissues, 2023
- Leukocyte adherence, increased**
 - aortic endothelium in HIV-1 infection, 1887
- Ligand**

fibroblast growth factor, 2119

Ligation

hepatitis C virus RNA detection using polymerase chain reaction dependent on, 1485

Lipid peroxidation

immune deposit lipoprotein modification in passive Heymann nephritis, 1313

Lipopolysaccharide, 1847

DNA fragmentation induced by (mouse), 1381

Lipoprotein

immune deposit accumulation

lipid peroxidation modification, 1313

low density oxidized

ferritin protects endothelial cell against (*letter*), 345

very low density

receptor mRNA in atherosclerotic lesions (rabbit), 1831

Lipoprotein lipase (LPL)

asn291->ser mutation non-isotopic detection (*abstract*), 1777

Liposome

dichloromethylene diphosphonate encapsulated in, 1271

Listeria monocytogenes oral infection

HLA-B27 gene enhancement, 1737

Liver

clonogenic hepatocyte growth, 1593

hepatitis C virus RNA detection by ligation-dependent polymerase chain reaction, 1485

lipopolysaccharide-induced damage morphology (mouse), 1381

neoplastic development

transgenic mice co-expressing *c-myc* and transforming growth factor- α , 407

neural cell adhesion molecule (N-CAM) expression, 449

oval cell iron overload induction (rat), 389

submassive necrosis ductular reaction, 439

Lung

acute injury

apoptosis pathway for type II pneumocyte resolution, 845

adenoviral gene transfer of macrophage inflammatory protein-2 (rat), 1395

epithelial cells

α -quartz-induced chemokine expression (rat), 1627

fibroproliferative disease, 1639

fibrotic disorders, human mast cell basic fibroblast growth factor, 2037

granulomatous inflammation

inducible nitric oxide synthase expression (rat), 2005

inflammatory injury

complement's role, 1081

metalloproteinases and their tissue inhibitors in, 1241

neuroendocrine tumors

apoptosis-related factors, 1941

premalignant lesions

peptidyl-glycine α -amidating mono-oxygenase (PAM) enzymes in, 707

tumor in

microsatellite alteration at chromosome 3p loci, 613

Lung resistance protein (LRP)

tumor cell expression (*abstract*), 1784

Lymph node

melanoma tumor cell detection in, 759

pelvic

PSA- and PSMA-expressing cells in (*abstract*), 1784

Lymphocytes

Epstein-Barr virus expression in Sjögren's syndrome, 1511

mucosal

Epstein-Barr virus-infected, 1111

orally tolerized mice, apoptosis susceptibility, 1971

proliferation, Nef gene variant of SIVmac239 induction (macaques), 163

Lymphoid tissues

Hodgkin's disease-involved

CD30 ligand expression, 469

Lymphoma

apoptosis-regulating protein immunodetection, 177

CD-30-positive primary cutaneous, 483

composite (*abstract*), 1779

mantle cell (*abstract*), 1779

nasal

perforin expression, 699

non-AIDS-related

Kaposi's sarcoma-associated herpesvirus in, 53

staging

molecular diagnostic methods (*abstract*), 1781

Macromolecules

glomerular permeability to, 987

Macrophage

apoptosis abundant atherosclerotic lesions, 367

colony-stimulating factor (M-CSF) in osteopetrosis mouse, 559

fusion

mannose receptor activity inhibitors preventing, 975

- inflammatory protein-2
 - adenoviral gene transfer in lung (rat), 1395
- 92-kd gelatinase (MMP-9) in temporal arteritis, 1427
- migration inhibitory factor
 - renal expression in crescentic glomerulonephritis development (rat), 1119
- monocyte-derived eosinophil phagocytosis, 911
- Major histocompatibility complex class II molecule**
 - schistosomal egg granuloma, 187
- Malaria, cerebral**
 - fatal (murine), 1745
- Malignant progression**
 - genetic predisposition in K14-HPV16 transgenic mice, 1899
- Mannose receptor activity inhibitors**
 - interleukin-4-induced macrophage fusion prevented by, 975
- MAP17**
 - up-regulated in human carcinoma, 493
- Mast cell**
 - basic fibroblast growth factor in pulmonary fibrotic disorders, 2037
 - bone marrow flow cytometric analysis, 1493
- Matrix metalloproteinase**
 - breast cancer expression
 - tumor-induced host response, 273
 - lung immunohistochemistry, 1241
 - re-epithelialization after corneal injury, 1287
- MDM2 oncoprotein**
 - rhabdomyosarcoma cell lines overexpressing, 143
- Medulloblastoma biopsy**
 - MYCN amplification in (*abstract*), 1785
- Meeting report**
 - link between tumor progression, proteases, and cell motility, 1073
- Melanoma**
 - activated *ras*, 739
 - malignant
 - cyclin kinase inhibitor *p21^{WAF1/CIP1}* expression, 1813
 - primary cutaneous
 - CD40 as prognostic marker, 1953
 - ultraviolet light-induced *N-ras* oncogene point mutation, 883
 - tumor cell detection in blood and sentinel nodes, 759
- Membrane attack complex, complement**
 - interleukin-8 and monocyte chemoattractant protein-1 secretion induced by, 953
- Membrane cofactor protein**
 - carcinoma expression (human), 129
- Membrane-associated protein MAP17**
 - up-regulated in human carcinoma, 493
- Mesangial cell**
 - platelet-derived growth factor loop activation with transforming growth factor- β overexpression, 2095
- Mesenchymal cell activation**
 - granulation tissue induction rate-limiting step, 1257
- Mesenchymal tumor**
 - HMGI-C gene expression patterns related to, 775
- Met/hepatocyte growth factor**
 - receptor gene expression in musculoskeletal tumors, 1209
- Metaplasia**
 - laminin chains in intestinal metaplasia, 781
- Metastasis**
 - colon carcinoma
 - multiparametric *in situ* mRNA hybridization prediction, 1541
 - melanoma
 - cyclin kinase inhibitor *p21^{WAF1/CIP1}* expression, 1813
- Methylation, p53, 1129**
- Methylenetetrahydrofolate reductase**
 - common mutation
 - homocysteine metabolism and vascular disease correlation with (*abstract*), 1777
- Microenvironment**
 - colon carcinoma cell carcinoembryonic antigen expression, 1157
- Microfibril**
 - human vascular subendothelium, 283
- Microsatellite**
 - alteration
 - chromosome 3p loci in lung tumor, 613
 - analysis
 - renal cell carcinoma molecular differential diagnosis, 2081
 - heterozygosity loss in prostate cancer (*abstract*), 1786
 - transitional cell carcinoma of urinary bladder, 229
- Microscopy**
 - computer-assisted video imaging, 37
- Microvessel**
 - integrin $\alpha_v\beta_3$ expression in focal cerebral ischemia (nonhuman primate), 37
- Migration**
 - endothelial cell
 - vascular permeability factor/vascular endothelial growth factor stimulation, 293
 - JE/MCP-1 monocyte, 307
 - Kaposi's sarcoma cells, 1871
- Migration inhibitory factor, macrophage**

- renal expression, 1119
- Mitogen**
protein kinase phosphatase-1 activated by
expression in epithelial carcinogenesis, 1553
- Modeling *in vivo***
HIV-1 mediated neurodegeneration, 745
- Molecular analysis**
premalignant and carcinoma *in situ* lesions in human breast, 733
- Molecular framework**
angiogenesis, 1
- Molecular test**
tumor cell detection
blood and sentinel nodes of melanoma patients, 759
- Monoclonal antibodies**
anti-T-cell receptor V β
malignant T-cell clone not identified by, 1477
CD4
atherosclerotic lesions reduced by (mice), 675
interleukin-4 receptor (human), 1369
- Monocyte adhesion**
atherosclerotic plaques *in vitro*, 73
retinal endothelium in cerebral malaria (murine), 1745
- Monocyte chemoattractant protein-1**
cervical lesion gene expression, 1469
prostatic hyperplasia gene expression, 501
umbilical vein endothelial cell secretion, 953
- Monocyte chemotactic activity**
aortic smooth muscle cells (rat), 307
- Monolayer culture**
connexin expression, 1321
- MRL/lpr lupus mice**
arteritis in novel congenic strain derived from, 1763
- mRNA**
stability in interleukin-8, 1685
very low density lipoprotein receptor in atherosclerotic lesions (rabbit), 1831
- Multicellular spheroid (MCS) culture**
connexin expression, 1321
- Multiple myeloma**
chromosome numerical changes, 153
- Musculoskeletal tumor malignant behavior**
Met/hepatocyte growth factor receptor expression, 1209
- Mutant**
rat with spontaneous limbic-like seizures, 329
- Mutation**
type II collagen, 2169
TgN737Rpw insertional, 1919
K-ras2 intratumor heterogeneity in colorectal adenocarcinoma, 237
- K-ras and p53 in pancreatic ductal adenocarcinoma (hamster), 1333
- point
ultraviolet light-induced N-ras oncogene, 883
- Myelin**
central and peripheral nervous system CD9 expression, 575
- Myelogenous leukemia, chronic**
BCR/ABL transcript detection by reverse-transcriptase single tube nested polymerase chain reaction (*abstract*), 1778
- Myeloma, multiple**
immunoglobulin H rearrangement in (*abstract*), 1780
- Myeloperoxidase autoantibodies**
glomerular injury aggravated by (rat), 1695
- Myocardial infarction**
early acute
in situ apoptosis assay detection, 821
- NF1 gene transcript up-regulation**
sporadic pilocytic astrocytomas, 621
- N-ras oncogene point mutation**
ultraviolet light-induced
melanoma development related to, 883
- Natural killer cell**
perforin derived from, 699
- Necrosis**
keloid etiology, 1441
submassive
ductular reaction (humans), 439
- Nef gene variant SIVmac239**
lymphocyte proliferation and gastrointestinal disease induced by (macaques), 163
- Neoplasia**
alveolar type II cells, 1423
epithelial ovarian
aromatase in, 45
liver
transgenic mice co-expressing c-myc and transforming growth factor- α , 407
prostatic and urogenital epithelium
polyoma virus middle T gene, 1177
- Neovasculation**
primary tumor, 853
- Nephrosis**
aminonucleoside induction, 319
puromycin
glomerular disialoganglioside decrease (rat), 1009
- Nervous system**
myelin CD9 expression, 575
- Nesidioblastosis**

- pancreatic ductal carcinogenesis enhancement (hamster), 1017
- Neural cell adhesion molecule (N-CAM)**
 - Ito cells in liver (rat), 449
- Neuritic cluster**
 - amyloid precursor protein immunoreactivity accumulation in brain damaged by thiamine deficiency, 1063
- Neurodegeneration**
 - HIV-1 mediated modeling *in vivo*, 745
- Neuroendocrine differentiation**
 - prostate cancer, 859
- Neuroendocrine tumors**
 - lung
 - apoptosis-related factors, 1941
- Neurofibrillary tangles**
 - antibodies to presenilin proteins detect, 1839
- Neurofilament**
 - Lewy body formation (*letter*), 728
- Neuron**
 - oxidative damage in Alzheimer's disease, 21
- Neutrophil**
 - sequestration
 - complement fragment induction (rabbit), 963
 - serine proteases proteinase 3
 - endothelial cell apoptosis induced by, 1617
 - vasculitis pathogenesis (rat), 81
- Nitric oxide synthase**
 - inducible
 - pulmonary granulomatous inflammation (rat), 2005
 - transplant arteriosclerosis development in aortic grafts (rat), 1981
- Nitrotyrosine**
 - neurofibrillary tangles of Alzheimer's disease, 21
- Non-obese diabetic mouse (*letter*)**, 727
- Nose polyps**, 1111
- Nuclear-cytoplasmic interaction**
 - endothelial cell apoptosis
 - cell fusion to study, 115
- Nucleic acid**
 - simian immunodeficiency virus in fetal brain (macaques), 1097
- Oligodendroglial tumor**
 - epidermal growth factor receptor expression, 29
- Oncocytic neoplasm**
 - mitochondrial mutational analysis (*abstract*), 1786
- Oncogene**
 - N-ras point mutation, 883
- Oncoprotein MDM2**
 - rhabdomyosarcoma cell lines overexpressing, 143
- Ontogenesis**
 - tissue factor expression (human and mouse), 101
- Organ saturability**
 - phosphorothioate oligodeoxynucleotides (mice), 717
- Organogenesis**
 - tissue factor expression (human and mouse), 101
- Osteopetrosis mouse**, 559
- Osteopontin**
 - autocrine secretion
 - vascular smooth muscle cell adhesion to collagen gels, 259
 - endothelial cell migration stimulation, 293
- Oval cell**
 - iron overload induction in liver (rat), 389
 - proliferation associated with murine insertional mutation *TgN737Rpw*, 1919
- Ovary**
 - epithelial neoplasm showing aromatase, 45
 - heterogeneous carcinoma origins, 511
- Overload**
 - iron
 - oval cell induction in liver (rat), 389
- Oxidative damage**
 - neuronal damage in Alzheimer's disease, 21
- p3 β -amyloid peptide**
 - Alzheimer's disease immunohistochemical profile, 585
- 3p loci**
 - microsatellite alteration in lung tumor, 613
- p53**
 - cytoplasmic sequestration in cytomegalovirus-infected human endothelial cells, 1531
 - exon-specific DNA hypomethylation
 - dimethylhydrazine induction, 1129
 - expression in apoptosis
 - diffuse alveolar damage, 531
 - mutation in pancreatic ductal adenocarcinoma (hamster), 1333
 - neuroendocrine lung tumors, 1941
 - overexpression in rheumatoid arthritis synovium, 2143
 - wild-type
 - MDM2 stabilization, 143
 - testicular germ cell tumor overexpression, 1221
- p16^{INK4A}**
 - aberrant expression in breast cancer, 15
- P-selectin**
 - colon carcinoma adhesive interactions with, 1661
- Pancreas**
 - carcinogenesis with islet cell proliferation enhancement, 1017

- ductal adenocarcinoma with K-ras and p53 mutation (hamster), 1333
- Paneth cell(s)**
CD95 ligand transcripts expressed, 9
- Papillomavirus-16**
squamous intraepithelial lesion infected by, 1469
- Papulosis**
lymphomatoid, 483
- Particle exposure**
 α -quartz
chemokine expression induced by (rat), 1627
- Parvovirus B19**
single tube nested amplification and hybridization protocol to detect (*abstract*), 1783
- Pathology B workshop**
link between tumor progression, proteases, and cell motility, 1073
- Peptide**
 β -amyloid
cerebral β -amyloidosis not caused by (mice), 219
amyloid- β
amino- and carboxyl-terminal properties of, 1823
p3 β -amyloid, Alzheimer's disease, 585
- Peptidyl-glycine α -amidating mono-oxygenase (PAM) enzymes**
morphological abnormalities adjacent to pulmonary tumors, 707
- Percutaneous transluminal coronary angioplasty (PTCA)**
platelet-derived growth factor-A and -B chain mRNA detection in coronary arteries after, 831
- Perforin**
nasal lymphoma expression, 699
- Permeability**
glomerular macromolecular, 987
vascular
enhanced, cerebral malaria with (murine), 1745
vascular endothelial growth factor regulation, 1851
- Peroxidation**
lipid, 1313
- Peroxynitrite breakdown**
Alzheimer's disease, 21
- Phagocytosis**
monocyte-derived macrophage
senescent eosinophils undergoing apoptosis, 911
- Phenotype**
hepatocyte and biliary epithelial cell
clonogenic hepatocytes expressing, 1593
melanoma, 1813
smooth muscle cell, 687
- T cells
human epidermal, 665
- Phenotypic marker**
hepatocellular carcinoma classification according to, 1167
- Phosphorothioate oligodeoxynucleotides**
clearance kinetics, biodistribution, and organ saturability (mice), 717
- Phosphorylation**
inhibition
vascular cell adhesion molecule (VCAM-1) induction blocking, 1369
retinoblastoma protein p16^{INK4A} inhibition, 15
- π -Class glutathione-S-transferase**
hepatocytes positive for in dietary restriction apoptosis (mice), 1585
- Plaque**
atherosclerotic
instability, 367
diffuse
amyloid deposits in, 1823
- Plasma enzyme release**
lipopolysaccharide-induced (mouse), 1381
- Plasma protein**
extravasated, 1
- Plasminogen activator inhibitor**
gestational trophoblastic disease, 1229
vascular cell migration regulation with TGF- β 1, 923
- Platelet-derived growth factor**
Kaposi's sarcoma cell proliferation and migration regulated by, 1871
monocyte chemotactic activity secretion in aortic smooth muscle cells (rat), 307
mRNA expression in coronary artery post-PTCA, 831
pulmonary cell proliferation and collagen deposition caused by, 539
- Platelet-derived growth factor loop**
mesangial cell activation, 2095
- Platelets**
thrombin-activated
prelabeled glycoprotein Ib/IX receptors not cleared from, 629
- Plectin perinuclear distribution**
visceral epithelial cells of rat glomeruli, 319
- Pneumonia, interstitial**
apoptosis and cell proliferation in, 845
- Polymerase chain reaction**
DNA profiling for *Trypanosoma cruzi* strain characterization, 2153
Hodgkin's disease studied by
human herpesvirus 6 and Epstein-Barr virus in, 1501

- ligation-dependent
 - hepatitis C virus RNA detection using, 1485
- minimal residual disease evaluation of leukemia and lymphoma (*abstract*), 1779
- multiplex
 - sexually transmitted disease diagnosis (*abstract*), 1783
- rapid
 - immunoglobulin heavy chain (IgH) gene rearrangement detection (*abstract*), 1780
- reverse transcriptase
 - CD44 mRNA in bladder cancer, 873
 - HMG1-C gene expression patterns related to mesenchymal tumor generation, 775
 - melanoma cell detection in blood and sentinel nodes, 759
 - t(2;5)(p23↗5) translocation detection in CD30-positive primary cutaneous lymphoma, 483
- sequence-specific
 - factor V_{Leiden} mutation detection (*abstract*), 1775
- SSCP analysis
 - "cold" (*abstract*), 1776
- Polyoma virus**
 - middle T gene neoplastic transformation, 1177
- Polyps**
 - nasal
 - Epstein-Barr virus-infected mucosal lymphocytes, 1111
- pRB**
 - breast cancer expression, 15
- Pregnancy**
 - molar
 - fibrinolysis in, 1229
- Presenilin proteins**
 - antibodies to
 - neurofibrillary tangles detected by, 1839
- Pristane**
 - arthritis induced by (rat), 1675
- Prognosis**
 - breast cancer
 - scatter factor protein levels for, 1707
 - primary cutaneous malignant melanoma
 - CD40 as marker, 1953
- Proliferative activity**
 - acute lung injury, 845
 - CD44 expression related to
 - colorectal neoplasm epithelium and stroma, 1147
 - inhibition
 - β_{1C} integrin, 765
 - islet cell
 - pancreatic ductal carcinogenesis enhancement (hamster), 1017
 - Kaposi's sarcoma cells, 1871
 - keloid etiology, 1441
 - Kupffer cell in liposome-encapsulated dichloromethylene diphosphonate treated mice, 1271
 - oval cell
 - murine insertional mutation TgN737Rpw with, 1919
- Promyelocytic leukemia**
 - acute
 - CD79 α expression, 1105
 - protein
 - heterogeneous nuclear expression in neoplastic human tissues, 2023
- Prostate**
 - epithelium
 - polyoma virus middle T gene neoplastic transformation, 1177
 - KAI1 protein expression
 - benign hyperplasia versus cancer, 1435
- Prostate adenocarcinoma**
 - fluorescence *in situ* hybridization analysis, 1193
 - monocyte chemoattractant protein-1 gene expression, 501
- Prostate carcinoma**
 - β_{1C} integrin down-regulation, 765
 - chromosome deletion patterns
 - fluorescence *in situ* hybridization evaluation of, 1565
 - laminin 5 ($\alpha 3\beta 3\gamma 2$) expression
 - malignant versus normal (human), 1341
 - neuroendocrine differentiation, 859
- Prostate tumor**
 - xenograft model histopathologic characterization, 1055
- Proteases**
 - tumor progression and cell motility linked to, 1073
- Protectin**
 - carcinoma expression (human), 129
- Protein**
 - carcinoma-induced (human), 493
 - KAI1 prostate expression, 1435
 - presenilin, 1839
 - promyelocytic leukemia
 - heterogeneous nuclear expression in neoplastic human tissues, 2023
 - scatter factor
 - breast cancer level, 1707
- Protein kinase phosphatase-1**
 - mitogen-activated in epithelial carcinogenesis, 1553
- Protein phosphorylation**
 - retinoblastoma
 - interleukin-11 effects on, 895
- Proteinase 3**

- neutrophil serine proteases
 - endothelial cell apoptosis induced by, 1617
- Proto-oncogene Ets-1**
 - gastric carcinoma expression, 1931
- Psoriasis**
 - Bcl-x_L preferential expression, 795
- Pulmonary cell proliferation**
 - platelet-derived growth factor causes, 539
- Pulmonary granulomatous inflammation**
 - inducible nitric oxide synthase expression (rat), 2005
- Pulmonary tumor**
 - morphological abnormalities adjacent to peptidyl-glycine α -amidating mono-oxygenase (PAM) enzymes in, 707
- Puromycin nephrosis**
 - glomerular disialoganglioside decrease (rat), 1009
- Pyogenic granuloma**
 - Bcl-x_L preferential expression, 795
- Quantiplex HIV-1 RNA assay**
 - validation of (*abstract*), 1783
- α -Quartz**
 - chemokine expression induced in lung epithelial cells, 1627
- Radiation**
 - lung injury due to keratinocyte growth factor ameliorating, 1963
- ras**
 - activated in melanoma, 739
- Rat mutant**
 - novel spontaneous limbic-like seizures, 329
- Re-epithelialization after corneal injury**
 - matrix metalloproteinase role, 1287
- Receptor**
 - interleukin-4 vascular and lymphocytic, 1369
- Recurrence of colon carcinoma**
 - multiparametric *in situ* mRNA hybridization prediction, 1541
- Regulation of vascular cell migration**
 - plasminogen activator inhibitor, 923
- Rejection**
 - renal allograft, 2055
- Remodeling**
 - elastin and collagen in emphysema, 1405
- Renal cell carcinoma**
 - molecular differential diagnosis, 1791
 - microsatellite analysis, 2081
 - tuberous sclerosis associated with, 1201
- Renin-angiotensin system**
 - human and mouse development, 1797
 - human development
 - early component expression, 2067
- Repopulation**
 - Kupffer cell liposome-encapsulated dichloromethylene diphosphonate administration preceding (mice), 1271
- Resident education**
 - molecular diagnostics in a clinical setting (*abstract*), 1777
- Retinal endothelium**
 - monocyte adhesion to, 1745
- Retinoblastoma protein phosphorylation**
 - interleukin-11 effects on, 895
 - p16^{INK4A} inhibition of, 15
- Retinoic acid**
 - squamous cell carcinoma cells becoming anti-angiogenic, 247
- Retrovirus K**
 - germ cell and trophoblastic tumors expressing endogenous, 1727
- Reverse transcription-polymerase chain reaction.**
 - see **Polymerase chain reaction**
- Rhabdomyosarcoma**
 - MDM2 oncoprotein overexpression in, 143
- Rheumatoid arthritis**
 - apoptosis, 2143
 - chronic pristane-induced (rat), 1675
 - synovial fibroblast cartilage invasion, 1607
- RNA**
 - amplifiable high efficiency recovery (*abstract*), 1778
 - hepatitis C virus detection using ligation-dependent polymerase chain reaction, 1485
- Rous-Whipple award**, 1079
- RP3**
 - vasculitis reduced by (rat), 81
- Salivary gland**
 - Epstein-Barr virus expression in Sjögren's syndrome, 1511
- Sarcoidosis, pulmonary**
 - Corynebacterium parvum* challenge induction (rat), 1303
- Scatter factor**
 - breast cancer protein level, 1707
 - thrombospondin binding, 805
- Schistosomiasis egg granuloma**
 - B7-2 costimulatory, major histocompatibility complex class II, and adhesion molecule expression, 187
- Sézary syndrome**

- malignant T-cell clone in
 - anti-T-cell receptor V β antibodies fail to identify, 1477
- Secretion of monocyte chemotactic activity**
 - aortic smooth muscle cells (rat), 307
- Seizures**
 - spontaneous limbic-like seizures in rat mutant, 329
- Sentinel node**
 - tumor cell detection in melanoma, 759
- Sequestration**
 - neutrophil
 - complement fragment induction (rabbit), 963
- Serum**
 - cardiotrophin-1 inhibition of tumor necrosis factor production in, 1847
- Serum stimulation**
 - smooth muscle cell phenotype *in vitro*, 687
- Simian immunodeficiency virus**
 - AIDS encephalitis induced by
 - chemokine expression, 1459
 - nucleic acid and antigen localization in fetal brain (macaques), 1097
- Single-strand conformation polymorphism (SSCP)**
 - genomic DNA analysis of testicular germ cell tumor, 1221
- SIVmac239/YEnef infection (macaques), 163**
- Sjögren's syndrome**
 - Epstein-Barr virus with, 1511
- Skeletal development**
 - retarded, 2169
- Skin explant culture**
 - contact allergen predictive assay, 337
- Smooth muscle cell**
 - aortic
 - monocyte chemotactic activity secretion (rat), 307
 - osteopontin autocrine secretion
 - adhesion to collagen gel regulated, 259
 - phenotype *in vitro*, 687
 - TGF- β 1 migration regulation, 923
- Squamous cell carcinoma**
 - cervical
 - monocyte chemoattractant protein-1 gene expression in, 1469
 - cutaneous
 - differentiation-associated overexpression of kinase inhibitor p21^{waf-1} in, 1139
 - oral
 - retinoic acid causing anti-angiogenicity, 247
- Squamous intraepithelial lesions**
 - human papillomavirus-16-infected, 1469
- Staphylococci, coagulase-negative**
 - PCR-SSCP rapid identification (*abstract*), 1781
- Stomach. see also Gastric carcinoma**
 - adenocarcinoma
 - Bcl-2 family protein immunohistochemistry, 1449
- String test**
 - gastric secretions sampled by
 - H. pylori* detection (*abstract*), 1782
- Stroma**
 - colorectal neoplasm CD44 expression, 1147
- Stromelysin expression**
 - thermally injured corneas (rat or rabbit), 1287
- Subendothelium, vascular. see Vascular subendothelium**
- Subepithelial stroma**
 - corneal
 - embryonic fibronectin isoform expression, 549
- Sun exposure. see Ultraviolet light**
- Supraspinatus tendon**
 - histology, 933
- Survival factor**
 - TNF-induced FGF-1 in transformed endothelial cell line, 945
- Synovial fibroblast**
 - rheumatoid arthritis patients showing cartilage invasion, 1607
- Synovium**
 - rheumatoid arthritis p53 overexpression, 2143
- t(2;5)(p23\5) translocation**
 - reverse transcriptase polymerase chain reaction detection
 - CD30-positive primary cutaneous lymphoma, 483
- T cell**
 - activated peripheral
 - early apoptosis correlates with histone epitope immunodetection, 653
 - atherosclerotic lesions
 - apoptosis abundant, 367
 - CD4⁺
 - atherosclerotic lesions in apolipoprotein-E-deficient mice, 359
 - deficiency
 - atherosclerosis in (mice), 675
 - malignant clone
 - anti-T-cell receptor V β antibodies fail to identify, 1477
 - receptor gene
 - multiplex PCR to detect rearrangements (*abstract*), 1779
 - subsets in normal human epidermis, 665
- Technical advance**

- angiogenic vessel quantitation and physiological characterization (mice), 59
archival tissue use in molecular oncology/epidemiology, 399
flow cytometric analysis in bone marrow mast cells, 1493
hepatitis C virus RNA detection using ligation-dependent polymerase chain reaction, 1485
- Tenascin-C**
tendon degeneration (human), 933
- Testis**
germ cell tumor with wild-type p53 overexpression, 1221
- Thiamine deficiency**
brain damage, 1063
- Thrombin**
endothelial cell migration stimulation, 293
- Thrombin-activated platelets**
prelabeled glycoprotein Ib/IX receptors not cleared from exposed surfaces, 629
- Thrombospondin**
scatter factor binding, 805
- Thyroid carcinoma, medullary**
RET proto-oncogene mutation in (*abstract*), 1786
- Tissue assessment**
archival molecular studies, 399
- Tissue factor expression**
human and mouse development, 101
- Tolerance, immunological**
soluble antigen oral administration for, 1971
- Topoisomerase II DNA**
immunohistochemistry in gastric disorders (human), 997
- Transcription**
gene
immunoglobulin, 1351
interleukin-8 regulation, 1685
- Transforming growth factor**
TGF- α
c-myc co-expression in transgenic mice, 407
up-regulated expression in bronchiolar-alveolar duct regions of asbestos-exposed rats, 205
TGF- β
glucose inducing overexpression in mesangial cells (human), 2095
TGF- β 1
cell migration regulation, 923
- Transgenic mice**
K14-HPV16
genetic predisposition and malignant progression in, 1899
retarded skeletal development and type II collagen mutation, 2169
- Transitional cell carcinoma of urinary bladder**
chromosome 3 allelic losses and microsatellite alterations, 229
- Translocation t(2;5)**
Hodgkin's disease, 463
- Transplant arteriosclerosis**
nitric oxide synthase expression in aortic grafts (rat), 1981
- Transplantation**
heart, 1991
accelerated atheromatous lesions (mouse), 91
solid organ
molecular infectious disease testing (*abstract*), 1783
- Trichomonas vaginalis**
molecular diagnosis (*abstract*), 1782
premature membrane rupture (*abstract*), 1782
- Trophoblastic tumor**
endogenous retrovirus K elements in, 1727
- Trypanosoma cruzi**
kinetoplast DNA signatures, 2153
- Tuberous sclerosis**
renal cell carcinoma associated with, 1201
- Tumor cell detection**
blood and sentinel nodes of melanoma patients, 759
- Tumor growth**
MAP17 modulation, 493
- Tumor invasion**
Ets-1 proto-oncogene expression correlation in gastric carcinoma (human), 1931
- Tumor necrosis factor**
cardiotrophin-1 inhibits production in heart and serum (mice), 1847
fibroblast growth factor-1 induced by survival factor, 945
TNF- α
collagen α 1(I) gene expression and wound healing inhibition (mouse), 195
- Tumor progression**
proteases and cell motility linked to, 1073
- Type II pneumocyte resolution**
acute lung injury
apoptosis pathway, 845
- Type VI collagen**
vascular subendothelium (human), 283
- Tyrosinase**
reverse transcription-polymerase chain reaction, 759
- Tyrosine hydroxylase**
mRNA detection
reverse transcriptase-polymerase chain reaction for (*abstract*), 1784

Ulcerative colitis

carcinoma associated with, 1719

Ultraviolet light

melanoma, 739

N-ras oncogene point mutation induced by, 883

Umbilical vein

endothelial cell

interleukin-8 and monocyte chemoattractant protein-1 secretion, 953

Up-regulation

cellular adhesion molecules

cerebral malaria with (murine), 1745

MAP17

human carcinoma, 493

NF1 gene transcripts in sporadic pilocytic astrocytomas, 621

neural cell adhesion molecule (N-CAM) expression, 449

transforming growth factor- α in bronchiolar-alveolar duct regions of asbestos-exposed rats, 205

Ureaplasma urealyticum

neonate endotracheal tube aspirate detection with PCR (*abstract*), 1781

Urogenital epithelium

polyoma virus middle T gene neoplastic transformation, 1177

Vascular endothelial growth factor

angiogenesis and vascular permeability regulation in Kaposi's sarcoma, 1851

angiogenic vessel quantitation and physiological characterization (mice), 59

Vascular injury

complement inhibition with soluble complement receptor-1 in renal allograft rejection (rat), 2055

Vascular permeability

cerebral malaria with enhanced (murine), 1745

Vascular permeability factor

angiogenic vessel quantitation and physiological characterization (mice), 59

endothelial cell migration stimulation, 293

Vascular smooth muscle cells

osteopontin autocrine secretion

adhesion to collagen gel regulated, 259

Vascular subendothelium

morphological relationships of von Willebrand factor, type VI collagen, and fibrillin, 283

Vasculitis pathogenesis

neutrophil role (rat), 81

Vasculopathy

aortic allograft

differentially expressed genes (rat), 597

Von Hippel-Lindau disease

multiple microscopic clear cell renal lesions

VHL gene allelic deletions, 2089

von Willebrand factor

glycoprotein Ib/IX receptors for, 629

vascular subendothelium (human), 283

WAF1 expression in apoptosis

diffuse alveolar damage, 531

Wild-type p53 protein

MDM2 stabilization, 143

Wilms tumor gene expression

possible tumor marker for prostate and breast cancer (*abstract*), 1784

Wound repair

granulation tissue induction

mesenchymal cell activation as rate-limiting step, 1257

TNF- α inhibition in cachexia (mouse), 195

Index of Authors

Volume 149, 1996

- Aarnoudse C:** see van Elsas A, 883
Abaza MM: see Keleti J, 143
Abbi R: see Adler S, 987
Abdul-Karim FW: see Wolf NG, 511
Abe K: see Park YN, 1485
Abele MC: see Valente G, 1501
Adler S, Sharma R, Savin VJ, Abbi R, Eng B: Alteration of glomerular permeability to macromolecules induced by cross-linking of β_1 integrin receptors, 987
Akaike T: see Setoguchi K, 2005
Akakura K: see Ueda T, 1435
Akimoto S: see Ueda T, 1435
Akiyama M: see Iwamoto KS, 399
Akyürek LM, Fellström BC, Yan Z-q, Hansson GK, Funa K, Larsson E: Inducible and endothelial nitric oxide synthase expression during development of transplant arteriosclerosis in rat aortic grafts, 1981
Akyürek LM: see Chen J, 597
Alberts GF: see Winkles JA, 2119
Albini A: see Cornali E, 1851
Albrecht S: see Luther T, 101
Aldinucci D: see Gruss H-J, 469
Almeida M: see Weintraub AS, 259
Amano S, Ihara N, Uemura S, Yokoyama M, Ikeda M, Serikawa T, Sasahara M, Kataoka H, Hayase Y, Hazama F: Development of a novel rat mutant with spontaneous limbic-like seizures, 329
Anderson B: see Scott MA, 2161
Anderson JM: see McNally AK, 975
Ando M: see Setoguchi K, 2005
Andrade LO: see Vago AR, 2153
Angermeyer K: see Brauchle M, 521
Angermüller S: see Bohlinger I, 1381
Aozasa K: see Cesarman E, 53
Appleton I, Brown NJ, Willoughby DA: Apoptosis, necrosis, and proliferation: Possible implications in the etiology of keloids, 1441
Arakawa M: see Yamamoto T, 1271
Arbeit JM: see Coussens LM, 1899
Arber DA, Jenkins KA, Slovak ML: CD79 α expression in acute myeloid leukemia: High frequency of expression in acute promyelocytic leukemia, 1105
Asai J: see Mori N, 699
Asai J: see Yatabe Y, 1351
Ascani S: see Gambacorta M, 2023
Ashida K, Nakatsukasa H, Higashi T, Ohguchi S, Hino N, Nouse K, Urabe Y, Yoshida K, Kinugasa N, Tsuji T: Cellular distribution of 92-kd type IV collagenase/gelatinase b in human hepatocellular carcinoma, 1803
Asquith T: see Driscoll KE, 1627
Atkins RC: see Lan HY, 1119
Atkinson WJ: see Goetz DJ, 1661
August JT: see Furuta K, 1147
Aupperle KR: see Firestein GS, 2143
Aurisch S: see Knittel T, 449
Aznar J: see Estellés A, 1229
Azumi N: see McDonagh DP, 1363

Bacher M: see Lan HY, 1119
Baggiolini M: see Mazzucchelli L, 501
Baker H: see Calingasan NY, 1063
Baldini N: see Scotlandi K, 1209
Baldwin T: see Persidsky Y, 1027
Balish E: see Warner TF, 1737
Balsari A: see Maier JAM, 945
Banchereau J: see Schnyder B, 1369
Bardales RH, Hailey LS, Xie SS, Schaefer RF, Hsu S-M: *In situ* apoptosis assay for the detection of early acute myocardial infarction, 821
Bardales RH, Xie S-S, Schaefer RF, Hsu S-M: Apoptosis is a major pathway responsible for the resolution of type II pneumocytes in acute lung injury, 845
Barry PA: see Tehranian A, 1177
Bass J: see Zunino SJ, 653
Battocchio S: see van den Oord JJ, 1953
Becker AE: see Ueda M, 831
Bell CGH: see Emeson EE, 675
Benedict MA: see Carrió R, 2133
Benelli R: see Cornali E, 1851
Benhattar J: see Guillou L, 1221
Benigni F, Sacco S, Pennica D, Ghezzi P: Cardiotrophin-1 inhibits tumor necrosis factor production in the heart and serum of lipopolysaccharide-treated mice and *in vitro* in mouse blood cells, 1847
Benito A: see Carrió R, 2133
Bertheau P: see Lubensky IA, 2089
Beylot C: see Beylot-Barry M, 483
Beylot-Barry M, Lamant L, Vergier B, de Muret A,

- Fraitag S, Delord B, Dubus P, Vaillant L, Delaunay M, Grogan GM, Beylot C, de Mascarel A, Delsol G:** Detection of t(2;5)(p23;q35) translocation by reverse transcriptase polymerase chain reaction and *in situ* hybridization in CD30-positive primary cutaneous lymphoma and lymphomatoid papulosis, 483
- Bierhaus A:** see Luther T, 101
- Bigerna B:** see Gambacorta M, 2023
- Bigler RD, Boselli CM, Foley B, Vonderheid EC:** Failure of anti-t-cell receptor v β antibodies to consistently identify a malignant t-cell clone in sézary syndrome, 1477
- Bird DJ:** see Tehranian A, 1177
- Bird TD:** see Murphy GM Jr., 1839
- Bishop D:** see Garside P, 1971
- Bitterman PB:** see Polunovsky VA, 115
- Bitterman P:** see Henke C, 1639
- Björkerud B:** see Björkerud S, 367
- Björkerud S, Björkerud B:** Apoptosis is abundant in human atherosclerotic lesions, especially in inflammatory cells (macrophages and t cells), and may contribute to the accumulation of gruel and plaque instability, 367
- Bjornsson J, Short MP, Kwiatkowski DJ, Henske EP:** Tuberous sclerosis-associated renal cell carcinoma: Clinical, pathological, and genetic features, 1201
- Blatt LM:** see Köster R, 1871
- Bock P:** see Persidsky Y, 1027
- Bodmer WF:** see Ilyas M, 1719
- Bofetiado CJM:** see Fornaro M, 765
- Bogdanov VY:** see Poon M, 307
- Bohlinger I, Leist M, Gantner F, Angermüller S, Tiegs G, Wendel A:** DNA fragmentation in mouse organs during endotoxic shock, 1381
- Boiani N:** see Gruss H-J, 469
- Boise LH:** see Foreman KE, 795
- Bolodeoku J:** see Sugino T, 873
- Bonk U:** see Rogalla P, 775
- Borell TJ:** see Qian J, 1193
- Borgya A:** see Woodman AC, 1519
- Bos JD:** see Pistor FHM, 337
- Bosari S:** see Fornaro M, 765
- Boselli CM:** see Bigler RD, 1477
- Bostwick DG:** see Qian J, 1193
- Bouck NP:** see Lingen MW, 247
- Bouwens-Romhouts A:** see Van der Velde-Zimmermann D, 759
- Boyle DL:** see Firestein GS, 2143
- Bozza MM:** see Peterson RL, 895
- Braciak T:** see Foley R, 1395
- Brambilla C:** see Brambilla E, 1941
- Brambilla E, Negoescu A, Gazzeri S, Lantuejoul S, Moro D, Brambilla C, Coll J-L:** Apoptosis-related factors p53, Bcl₂, and Bax in neuroendocrine lung tumors, 1941
- Brauchle M, Madlener M, Wagner AD, Angermeyer K, Lauer U, Hofschneider PH, Gregor M, Werner S:** Keratinocyte growth factor is highly overexpressed in inflammatory bowel disease, 521
- Breier G:** see Cornali E, 1851
- Brezinschek H-P:** see Brezinschek RI, 1651
- Brezinschek RI, Brezinschek H-P, Lazarovits AI, Lipsky PE, Oppenheimer-Marks N:** Expression of the $\beta 7$ integrin by human endothelial cells, 1651
- Brody AR:** see Liu J-Y, 205
- Brousset P:** see Schlaifer D, 177
- Brouwer E:** see Heeringa P, 1695
- Brown JA:** see Qian J, 1193
- Brown NJ:** see Appleton I, 1441
- Brun JG:** see Vingsbo C, 1675
- Brysch W:** see Köster R, 1871
- Brysch W:** see Rifai A, 717
- Bucala R:** see Lan HY, 1119
- Bucana CD:** see Kitadai Y, 1157, 1541
- Buck M, Houghlum K, Chojkier M:** Tumor necrosis factor- α inhibits collagen $\alpha 1(I)$ gene expression and wound healing in a murine model of cachexia, 195
- Bugert P, Kovacs G:** Molecular differential diagnosis of renal cell carcinomas by microsatellite analysis, 2081
- Bullerdiek J:** see Rogalla P, 775
- Burgeson RE:** see Fini ME, 1287
- Burgeson RE:** see Tani T, 781
- Burns LJ:** see Kovacs A, 1531
- Buxbaum JD:** see Calingasan NY, 1063
- Calingasan NY, Gandy SE, Baker H, Sheu K-FR, Smith JD, Lamb BT, Gearhart JD, Buxbaum JD, Harper C, Selkoe DJ, Price DL, Sisodia SS, Gibson GE:** Novel neuritic clusters with accumulations of amyloid precursor protein and amyloid precursor-like protein 2 immunoreactivity in brain regions damaged by thiamine deficiency, 1063
- Camphausen RT:** see Goetz DJ, 1661
- Capellá G:** see Erill N, 1333
- Capodieci P:** see Loda M, 1553
- Car BD:** see Schnyder B, 1369
- Cardiff RD:** see Tehranian A, 1177
- Carmeliet P:** see Luther T, 101
- Carrió R, López-Hoyos M, Jimeno J, Benedict MA, Merino R, Benito A, Fernández-Luna JL, Núñez G, García-Porrero JA, Merino J:** A1 demonstrates restricted tissue distribution during embry-

- onic development and functions to protect against cell death, 2133
- Carter JM:** see Driscoll KE, 1627
- Catalano R:** see Higgins LS, 585
- Cawston TE:** see Riley GP, 933
- Cerveró C:** see Orfao A, 1493
- Cesarman E, Nador RG, Aozasa K, Delsol G, Said JW, Knowles DM:** Kaposi's sarcoma-associated herpesvirus in non-AIDS-related lymphomas occurring in body cavities, 53
- Chalifoux LV:** see Sasseville VG, 163
- Chan-Ling T:** see Ma N, 1745
- Chase CM:** see Russell PS, 91
- Chaubert P:** see Guillou L, 1221
- Chen J, Myllärniemi M, Akyürek LM, Häyry P, Marsden PA, Paul LC:** Identification of differentially expressed genes in rat aortic allograft vasculopathy, 597
- Cheresh DA:** see Okada Y, 37
- Cheresh P:** see Kocher O, 493
- Cherwitz DL:** see Niehans GA, 129
- Chiari E:** see Vago AR, 2153
- Chin EM:** see Yi ES, 1963
- Chirivella M:** see Estellés A, 1229
- Choi SW:** see Kim Y-I, 1129
- Chojkier M:** see Buck M, 195
- Chowdhury S:** see Lamszus K, 805
- Ciudad J:** see Orfao A, 1493
- Claffey KP:** see Senger DR, 293
- Clare SE:** see Steeg PS, 733
- Clark J:** see Rifai A, 717
- Clark RAF:** see McClain SA, 1257
- Cleary KR:** see Kitadai Y, 1541
- Cocking-Johnson D:** see White JG, 629
- Coll J-L:** see Brambilla E, 1941
- Collins RD:** see Scott MA, 2161
- Collins VP:** see Reifenberger J, 29
- Colnaghi MI:** see Maier JAM, 945
- Colvin RB:** see Nিকেleit V, 549
- Colvin RB:** see Russell PS, 91
- Comoglio PM:** see Scotlandi K, 1209
- Cook JR:** see Fini ME, 1287
- Copeland BR:** see Okada Y, 37
- Cordell B:** see Higgins LS, 585
- Cordell B:** see Murphy GM Jr., 1839
- Cordon-Cardo C:** see Li M, 229
- Corless C:** see Loda M, 1553
- Cornali E, Zietz C, Benelli R, Weninger W, Masiello L, Breier G, Tschachler E, Albini A, Stürzl M:** Vascular endothelial growth factor regulates angiogenesis and vascular permeability in kaposi's sarcoma, 1851
- Corti M:** see Liu J-Y, 205
- Corvol P:** see Schütz S, 2067
- Coussens LM, Hanahan D, Arbeit JM:** Genetic predisposition and parameters of malignant progression in k14-HPV16 transgenic mice, 1899
- Crain BJ, Hu W, Sze C-I, Slunt HH, Koo EH, Price DL, Thinakaran G, Sisodia SS:** Expression and distribution of amyloid precursor protein-like protein-2 in Alzheimer's disease and in normal brain, 1087
- Cranston D:** see Sugino T, 873
- Cress AE:** see Hao J, 1341
- Cuatrecasas M:** see Eril N, 1333
- Cumming DA:** see Goetz DJ, 1661
- Curtiss LK:** see Exner M, 1313
- Cybulsky M:** see Lichtman AH, 351
- Dalkin BL:** see Hao J, 1341
- Dalmaso AP:** see Niehans GA, 129
- Das PK:** see Pistor FHM, 337
- Deeb SS:** see Fukuchi K-i, 219
- Deerberg-Wittram J:** see Weber-Matthiesen K, 463
- DeFife KM:** see McNally AK, 975
- De Graaf PW:** see Van der Velde-Zimmermann D, 759
- De Jonge N:** see Van Hoffen E, 1991
- Delaunay M:** see Beylot-Barry M, 483
- Dellian M, Witwer BP, Salehi HA, Yuan F, Jain RK:** Quantitation and physiological characterization of angiogenic vessels in mice: Effect of basic fibroblast growth factor, vascular endothelial growth factor/vascular permeability factor, and host microenvironment, 59
- Delord B:** see Beylot-Barry M, 483
- Delsol G:** see Beylot-Barry M, 483
- Delsol G:** see Cesarman E, 53
- Delsol G:** see Schlaifer D, 177
- del Zoppo GJ:** see Okada Y, 37
- de Mascarel A:** see Beylot-Barry M, 483
- Demetris AJ, Seaberg EC, Wennerberg A, Ionellie J, Michalopoulos G:** Ductular reaction after sub-massive necrosis in humans: Special emphasis on analysis of ductular hepatocytes, 439
- de Muret A:** see Beylot-Barry M, 483
- de Ridder CMA:** see Noordzij MA, 859
- de Ridder CMA:** see van Weerden WM, 1055
- Dermietzel R:** see Knuechel R, 1321
- Desrosiers RC:** see Sasseville VG, 163
- Detilleux PG:** see Richards WG, 1919
- Detilleux P:** see Driscoll KE, 1627
- Detmar M:** see Senger DR, 293
- De Weger RA:** see Van der Velde-Zimmermann D, 759
- De Weger R:** see Van Hoffen E, 1991
- De Wever I:** see van den Oord JJ, 1953

De Wolf-Peeters C: see van den Oord JJ, 1953

Dickens P: see Tao Q, 1111

Dickson DW: see Ksiezak-Reding H, 639

Ding H: see Goetz DJ, 1661

Di Paolo S, Gesualdo L, Ranieri E, Grandaliano G, Schena FP: High glucose concentration induces the overexpression of transforming growth factor- β through the activation of a platelet-derived growth factor loop in human mesangial cells, 2095

Di Renzo MF: see Scotlandi K, 1209

Dirven CMF: see Platten M, 621

Dockstader K: see Inoue Y, 2037

Doerschuk CM: see Motosugi H, 963

Dorner AJ: see Peterson RL, 895

Doyle NA: see Motosugi H, 963

Drechsler K: see Rogalla P, 775

Driscoll KE, Howard BW, Carter JM, Asquith T, Johnston C, Detilleux P, Kunkel SL, Isfort RJ: α -quartz-induced chemokine expression by rat lung epithelial cells: Effects of *in vivo* and *in vitro* particle exposure, 1627

Driscoll K: see Foley R, 1395

Du Z: see Sasseville VG, 163

Dubus P: see Beylot-Barry M, 483

Dutt JE: see Nickenleit V, 549

Edwards KM: see Scott MA, 2161

Eichhorst S: see Knittel T, 449

Ellis LM: see Kitadai Y, 1541

Ellis WG: see Murphy GM Jr., 1839

El-Naggar AK: see Hurr K, 613

Emeson EE, Shen M-L, Bell CGH, Qureshi A: Inhibition of atherosclerosis in CD4 t-cell-ablated and nude (*nu/nu*) c57BL/6 hyperlipidemic mice, 675

Eng B: see Adler S, 987

Eng VM: see Schnyder B, 1369

Epstein L: see Persidsky Y, 1027

Erill N, Cuatrecasas M, Sancho FJ, Farré A, Pour PM, Lluís F, Capellá G: K-ras and p53 mutations in hamster pancreatic ductal adenocarcinomas and cell lines, 1333

Escolar G: see White JG, 629

Escribano L: see Orfao A, 1493

España F: see Estellés A, 1229

Estellés A, Grancha S, Gilabert J, Thinnés T, Chirivella M, España F, Aznar J, Loskutoff DJ: Abnormal expression of plasminogen activator inhibitors in patients with gestational trophoblastic disease, 1229

Estreicher A: see Guillou L, 1221

Evans VM: see Kilgore KS, 953

Exner M, Susani M, Witztum JL, Hovorka A, Cur-

tiss LK, Spitzauer S, Kerjaschki D: Lipoproteins accumulate in immune deposits and are modified by lipid peroxidation in passive Heymann nephritis, 1313

Factor VM: see Santoni-Rugiu E, 407

Fadden K: see Rifai A, 717

Fagin JA: see Nakayama T, 1931

Fagioli M: see Gambacorta M, 2023

Falini B: see Gambacorta M, 2023

Falk RJ: see Yang JJ, 1617

Fang JW-S: see Wu P-C, 1167

Farré A: see Erill N, 1333

Fellström BC: see Akyürek LM, 1981

Fenoglio-Preiser CM: see Krajewska M, 1449

Fernández-Luna JL: see Carrió R, 2133

Ferracini R: see Scotlandi K, 1209

Ferrans VJ: see Hayashi T, 1241

Ferrans V: see Guinee D Jr., 531

Fidler IJ: see Kitadai Y, 1157, 1541

Finl ME, Parks WC, Rinehart WB, Girard MT, Mat-subara M, Cook JR, West-Mays JA, Sadow PM, Burgeson RE, Jeffrey JJ, Raizman MB, Krueger RR, Zieske JD: Role of matrix metalloproteinases in failure to re-epithelialize after corneal injury, 1287

Finlay GA, O'Donnell MD, O'Connor CM, Hayes JP, FitzGerald MX: Elastin and collagen remodeling in emphysema: A scanning electron microscopy study, 1405

Firestein GS, Nguyen K, Aupperle KR, Yeo M, Boyle DL, Zvaifler NJ: Apoptosis in rheumatoid arthritis: p53 overexpression in rheumatoid arthritis synovium, 2143

Fishback N: see Hayashi T, 1241

FitzGerald MX: see Finlay GA, 1405

Flanagan E: see Persidsky Y, 1027

Fleming MV: see Hayashi T, 1241

Fleming M: see Guinee D Jr., 531

Flenghi L: see Gambacorta M, 2023

Fletcher JA: see Huang S-F, 1565

Flørenes VA: see Mælandsmo GM, 1813

Flores Villanueva PO: see Rathore A, 187

Flory CM: see Kilgore KS, 953

Flössel C: see Luther T, 101

Fodstad O: see Mælandsmo GM, 1813

Fogo A, Ichikawa I: Renin angiotensin system in development of mice and men, 1797

Foley B: see Bigler RD, 1477

Foley R, Driscoll K, Wan YH, Braciak T, Howard B, Xing Z, Graham F, Gaudie J: Adenoviral gene transfer of macrophage inflammatory protein-2 in rat lung, 1395

- Foreman KE, Wrone-Smith T, Boise LH, Thompson CB, Polverini PJ, Simonian PL, Nunez G, Nickoloff BJ:** Kaposi's sarcoma tumor cells preferentially express Bcl-x_L, 795
- Fornaro M, Tallini G, Bofetiado CJM, Bosari S, Languino LR:** Down-regulation of β_1 C integrin, an inhibitor of cell proliferation, in prostate carcinoma, 765
- Forno LS:** see Higgins LS, 585
- Forno LS:** see Murphy GM Jr., 1839
- Foster CS:** see Nিকেleit V, 549
- Foster C:** see Richards WG, 1919
- Fox JC:** see Kato S, 687
- Frailtag S:** see Beylot-Barry M, 483
- Franklin BN:** see Müller-Ladner U, 1607
- Frey G:** see Rogalla P, 775
- Fuchs A:** see Lamszus K, 805
- Fuchs A:** see Yao Y, 1707
- Fukuchi K-i, Ho L, Younkin SG, Kunkel DD, Ogburn CE, LeBoeuf RC, Furlong CE, Deeb SS, Nochlin D, Wegiel J, Wisniewski HM, Martin GM:** High levels of circulating β -amyloid peptide do not cause cerebral β -amyloidosis in transgenic mice, 219
- Funa K:** see Akyürek LM, 1981
- Furlong CE:** see Fukuchi K-i, 219
- Furuta K, Zahurak M, Yang X-L, Rosada C, Goodman SN, August JT, Hamilton SR:** Relationship between CD44 expression and cell proliferation in epithelium and stroma of colorectal neoplasms, 1147
- Gaffey MJ:** see McDonagh DP, 1363
- Gaido ML:** see Yang JJ, 1617
- Gailit JO:** see McClain SA, 1257
- Gallo RC:** see Valente G, 1501
- Galoin S:** see Schlaifer D, 177
- Galvão LMC:** see Vago AR, 2153
- Gambacorta M, Flenghi L, Fagioli M, Pileri S, Leoncini L, Bigerna B, Pacini R, Tanci LN, Pasqualucci L, Ascani S, Mencarelli A, Liso A, Pelicci P-G, Falini B:** Heterogeneous nuclear expression of the promyelocytic leukemia (PML) protein in normal and neoplastic human tissues, 2023
- Gandy SE:** see Calingasan NY, 1063
- Gantner F:** see Bohlinger I, 1381
- García-Isidoro M:** see Tabernero D, 153
- García-Porrero JA:** see Carrió R, 2133
- García-Sanz R:** see Tabernero D, 153
- Garmyn M:** see van den Oord JJ, 1953
- Garside P, Steel M, Worthey EA, Kewin PJ, Howie SEM, Harrison DJ, Bishop D, Mowat AM:** Lymphocytes from orally tolerized mice display enhanced susceptibility to death by apoptosis when cultured in the absence of antigen *in vitro*, 1971
- Gasc J-M:** see Schütz S, 2067
- Gattei V:** see Gruss H-J, 469
- Gauldie J:** see Foley R, 1395
- Gay RE:** see Müller-Ladner U, 1607
- Gay S:** see Müller-Ladner U, 1607
- Gazzeri S:** see Brambilla E, 1941
- Gearhart JD:** see Calingasan NY, 1063
- Geido E:** see Giaretti W, 237
- Geiler T:** see Müller-Ladner U, 1607
- Gelbard H:** see Persidsky Y, 1027
- Gendelman HE:** see Persidsky Y, 1027
- Geradts J, Wilson PA:** High frequency of aberrant p16^{INK4A} expression in human breast cancer, 15
- Gesualdo L:** see Di Paolo S, 2095
- Ghezzi P:** see Benigni F, 1847
- Giachelli CM:** see Weintraub AS, 259
- Giaretti W, Monaco R, Pujic N, Rapallo A, Nigro S, Geido E:** Intratumor heterogeneity of k-ras mutations in colorectal adenocarcinomas: Association with degree of DNA aneuploidy, 237
- Gibson GE:** see Calingasan NY, 1063
- Gilabert J:** see Estellés A, 1229
- Giordano MJ:** see Platten M, 621
- Girard MT:** see Fini ME, 1287
- Glanville RW:** see Wu X-X, 283
- Gloghini A:** see Gruss H-J, 469
- Gmelig-Meyling F:** see Van Hoffen E, 1991
- Gnarra JR:** see Lubensky IA, 2089
- Goetz DJ, Ding H, Atkinson WJ, Vachino G, Camphausen RT, Cumming DA, Luscinskas FW:** A human colon carcinoma cell line exhibits adhesive interactions with p-selectin under fluid flow *via* a PSGL-1-independent mechanism, 1661
- Goldberg ID:** see Lamszus K, 805
- Goldberg ID:** see Yao Y, 1707
- González M:** see Tabernero D, 153
- Good PF, Werner P, Hsu A, Olanow CW, Perl DP:** Evidence for neuronal oxidative damage in Alzheimer's disease, 21
- Goodison S:** see Sugino T, 873
- Goodison S:** see Woodman AC, 1519
- Goodman SN:** see Furuta K, 1147
- Goodwin RG:** see Gruss H-J, 469
- Gordon RE:** see Wu X-X, 283
- Gorham H:** see Sugino T, 873
- Gottlieb AI:** see Vyalov S, 2107
- Graham F:** see Foley R, 1395
- Graham L:** see Motosugi H, 963
- Grancha S:** see Estellés A, 1229
- Grandaliano G:** see Di Paolo S, 2095
- Gray AC:** see Guillou L, 1221
- Greene GF:** see Kitadai Y, 1541

- Gregor M:** see Brauchle M, 521
Grigioni W: see Loda M, 1553
Grogan GM: see Beylot-Barry M, 483
Groh-Spies V: see Spetz A-L, 665
Grossmann H: see Luther T, 101
Grote W: see Weber-Matthiesen K, 463
Gruss H-J, Pinto A, Gloghini A, Wehnes E, Wright B, Boiani N, Aldinucci D, Gattei V, Zagonel V, Smith CA, Kadin ME, von Schilling C, Goodwin RG: CD30 ligand expression in nonmalignant and hodgkin's disease-involved lymphoid tissues, 469
Guillou L, Estreicher A, Chaubert P, Hurlimann J, Kurt A-M, Mettez G, Iggo R, Gray AC, Jichlinski P, Leisinger H-J, Benhattar J: Germ cell tumors of the testis overexpress wild-type p53, 1221
Guinee D Jr., Fleming M, Hayashi T, Woodward M, Zhang J, Walls J, Koss M, Ferrans V, Travis W: Association of p53 and WAF1 expression with apoptosis in diffuse alveolar damage, 531
Gutmann DH: see Platten M, 621
Gützlaß K: see Riethdorf L, 1469
- Hager C:** see Scott MA, 2161
Hailey LS: see Bardales RH, 821
Haltia A: see Holthöfer H, 1009
Hamann GF: see Okada Y, 37
Hamilton SR: see Furuta K, 1147
Hamilton SR: see Polyak K, 381
Hanahan D: see Coussens LM, 1899
Hanby AM: see Ilyas M, 1719
Hansson GK: see Akyürek LM, 1981
Hansson GK: see Zhou X, 359
Hao J, Yang Y, McDaniel KM, Dalkin BL, Cress AE, Nagle RB: Differential expression of laminin 5 ($\alpha 3\beta 3\gamma 2$) by human malignant and normal prostate, 1341
Harada N: see Kaga K, 45
Harper C: see Calingasan NY, 1063
Harrall RL: see Riley GP, 933
Harrison DJ: see Garside P, 1971
Hart RW: see Muskhelishvili L, 1585
Haslett C: see Stern M, 911
Hastings HM: see Yao Y, 1707
Hattori R: see Setoguchi K, 2005
Hayase Y: see Amano S, 329
Hayashi T, Stetler-Stevenson WG, Fleming MV, Fishback N, Koss MN, Liotta LA, Ferrans VJ, Travis WD: Immunohistochemical study of metalloproteinases and their tissue inhibitors in the lungs of patients with diffuse alveolar damage and idiopathic pulmonary fibrosis, 1241
Hayashi T: see Guinee D Jr., 531
Hayes JP: see Finlay GA, 1405
- Häyry P:** see Chen J, 597
Hayward NK: see van Elsas A, 883
Hazama F: see Amano S, 329
Hazleman BL: see Riley GP, 933
Heeringa P, Brouwer E, Klok PA, Hultema MG, van den Born J, Weening JJ, Kallenberg CGM: Autoantibodies to myeloperoxidase aggravate mild anti-glomerular-basement-membrane-mediated glomerular injury in the rat, 1695
Helmke B: see Rogalla P, 775
Henke C, Bitterman P, Roongta U, Ingbar D, Polunovsky V: Induction of fibroblast apoptosis by anti-CD44 antibody: Implications for the treatment of fibroproliferative lung disease, 1639
Hennig Y: see Rogalla P, 775
Henske EP: see Björnsson J, 1201
Heppner KJ, Matrisian LM, Jensen RA, Rodgers WH: Expression of most matrix metalloproteinase family members in breast cancer represents a tumor-induced host response, 273
Herbst H, Sauter M, Mueller-Lantzsch N: Expression of human endogenous retrovirus k elements in germ cell and trophoblastic tumors, 1727
Herlyn M, Satyamoorthy K: Activated *ras*: Yet another player in melanoma?, 739
Hermeking H: see Köster R, 1871
Hibbs MJ: see Pratt JR, 2055
Higaki K, Yano H, Kojiro M: Fas antigen expression and its relationship with apoptosis in human hepatocellular carcinoma and noncancerous tissues, 429
Higashi T: see Ashida K, 1803
Higgins LS, Murphy GM Jr., Forno LS, Catalano R, Cordell B: p3 β -amyloid peptide has a unique and potentially pathogenic immunohistochemical profile in Alzheimer's disease brain, 585
Hino N: see Ashida K, 1803
Ho FCS: see Tao Q, 1111
Ho JP: see Simpson JF, 751
Ho L: see Fukuchi K-i, 219
Hofschneider PH: see Brauchle M, 521
Holm R: see Mælandsmo GM, 1813
Holmdahl R: see Vingsbo C, 1675
Holthöfer H, Reivinen J, Solin M-L, Haltia A, Miettinen A: Decrease of glomerular disialogangliosides in puromycin nephrosis of the rat, 1009
Hotz B: see Zietz C, 1887
Houglum K: see Buck M, 195
Howorka A: see Exner M, 1313
Howard BW: see Driscoll KE, 1627
Howard B: see Foley R, 1395
Howie SEM: see Garside P, 1971
Höyhty M: see Nikkari ST, 1427
Hsu A: see Good PF, 21

- Hsu S-M:** see Bardales RH, 821, 845
Hsu WC: see Poon M, 307
Hsuih T: see Park YN, 1485
Hu W: see Crain BJ, 1087
Huang S-F, Xiao S, Renshaw AA, Loughlin KR, Hudson TJ, Fletcher JA: Fluorescence *in situ* hybridization evaluation of chromosome deletion patterns in prostate cancer, 1565
Hudson TJ: see Huang S-F, 1565
Huitema MG: see Heeringa P, 1695
Hunt NH: see Ma N, 1745
Hunter E: see Pan ZG, 903
Hurlimann J: see Guillou L, 1221
Hurr K, Kemp B, Silver SA, El-Naggar AK: Microsatellite alteration at chromosome 3p loci in neuroendocrine and non-neuroendocrine lung tumors: Histogenetic and clinical relevance, 613
- Ichikawa I:** see Fogo A, 1797
Ichikawa T: see Ueda T, 1435
Ichimura K: see Reifemberger J, 29
Iggo R: see Guillou L, 1221
Ihara N: see Amano S, 329
Ikeda M: see Amano S, 329
Ilyas M, Tomlinson IPM, Hanby AM, Yao T, Bodmer WF, Talbot IC: Bcl-2 expression in colorectal tumors: Evidence of different pathways in sporadic and ulcerative-colitis-associated carcinomas, 1719
Imai T: see Ueda T, 1435
Ingbar DH: see Polunovsky VA, 115
Ingbar D: see Henke C, 1639
Inoue Y, King TE Jr., Tinkle SS, Dockstader K, Newman LS: Human mast cell basic fibroblast growth factor in pulmonary fibrotic disorders, 2037
Ionellie J: see Demetris AJ, 439
Iruela-Arispe L: see Luther T, 101
Isfort RJ: see Driscoll KE, 1627
Isfort RJ: see Richards WG, 1919
Ishibashi T: see Nakazato K, 1831
Isola J: see Nikkari ST, 1427
Ito H: see Ueda T, 1435
Ito MR: see Nose M, 1763
Ito M: see Nakayama T, 1931
Ito T: see Iwamoto KS, 399
Itoh J: see Nose M, 1763
Iwamoto KS, Mizuno T, Ito T, Akiyama M, Takeichi N, Mabuchi K, Seyama T: Feasibility of using decades-old archival tissues in molecular oncology/epidemiology, 399
Iwamoto R: see Nakamura Y, 575
Iwatsubo T, Saido TC, Mann DMA, Lee VM-Y, Trojanowski JQ: Full-length amyloid- β (1-42(43)) and amino-terminally modified and truncated amyloid- β 42(43) deposit in diffuse plaques, 1823
- Jacob HS:** see Kovacs A, 1531
Jain RK: see Dellian M, 59
James SJ: see Kim Y-I, 1129
James SJ: see Muskhelishvili L, 1585
Jeffrey JJ: see Fini ME, 1287
Jemma C: see Valente G, 1501
Jenkins KA: see Arber DA, 1105
Jenkins RB: see Qian J, 1193
Jennette JC: see Yang JJ, 1617
Jensen MR: see Santoni-Rugiu E, 407
Jensen RA: see Heppner KJ, 273
Jiang Z: see Murphy GM Jr., 1839
Jichlinski P: see Guillou L, 1221
Jimeno J: see Carrió R, 2133
Jin L: see Lamszus K, 805
Jin L: see Yao Y, 1707
Johnson-Tidey RR: see Poston RN, 73
Johnston C: see Driscoll KE, 1627
Jones E: see McClain SA, 1257
Jonsson R: see Vingsbo C, 1675
Joseph A: see Lamszus K, 805
Joseph A: see Yao Y, 1707
- Kadin ME:** see Gruss H-J, 469
Kaga K, Sasano H, Harada N, Ozaki M, Sato S, Yajima A: Aromatase in human common epithelial ovarian neoplasms, 45
Kallenberg CGM: see Heeringa P, 1695
Kappeler A: see Mazzucchelli L, 501
Kapsenberg ML: see Pistoor FHM, 337
Karttunen T: see Tani T, 781
Kasayuki N: see Ueda M, 831
Kasper M: see Luther T, 101
Kasran A: see van den Oord JJ, 1953
Kataoka H: see Amano S, 329
Kato K: see Yabuki N, 997
Kato S, Shanley JR, Fox JC: Serum stimulation, cell-cell interactions, and extracellular matrix independently influence smooth muscle cell phenotype *in vitro*, 687
Kaufman AH: see Nিকেleit V, 549
Kaufmann S: see Yi ES, 539
Kawasaki K: see Yaoita E, 319
Kawashima A: see Kobayashi M, 1575
Kazakoff K: see Pour PM, 1017
Keleti J, Quezado MM, Abaza MM, Raffeld M, Tsokos M: The MDM2 oncoprotein is overexpressed in rhabdomyosarcoma cell lines and stabilizes wild-type p53 protein, 143
Kemp B: see Hurr K, 613

- Kerbel RS:** see Mølandsmo GM, 1813
- Kerim S:** see Valente G, 1501
- Kerjaschki D:** see Exner M, 1313
- Ketritz R:** see Yang JJ, 1617
- Kewin PJ:** see Garside P, 1971
- Kihara I:** see Yaoita E, 319
- Kikuchi A:** see Yabuki N, 997
- Kilgore KS, Flory CM, Miller BF, Evans VM, Warren JS:** The membrane attack complex of complement induces interleukin-8 and monocyte chemoattractant protein-1 secretion from human umbilical vein endothelial cells, 953
- Kim Y-I, Pogribny IP, Salomon RN, Choi SW, Smith DE, James SJ, Mason JB:** Exon-specific DNA hypomethylation of the p53 gene of rat colon induced by dimethylhydrazine: Modulation by dietary folate, 1129
- King TE Jr.:** see Inoue Y, 2037
- Kinoshita T:** see Mori N, 699
- Kinugasa N:** see Ashida K, 1803
- Kinzler KW:** see Polyak K, 381
- Kitadai Y, Ellis LM, Tucker SL, Greene GF, Bucana CD, Cleary KR, Takahashi Y, Tahara E, Fidler IJ:** Multiparametric *in situ* mRNA hybridization analysis to predict disease recurrence in patients with colon carcinoma, 1541
- Kitadai Y, Radinsky R, Bucana CD, Takahashi Y, Xie K, Tahara E, Fidler IJ:** Regulation of carcinoembryonic antigen expression in human colon carcinoma cells by the organ microenvironment, 1157
- Kivilaakso E:** see Tani T, 781
- Kiviluoto T:** see Tani T, 781
- Kiwada H:** see Yamamoto T, 1271
- Klok PA:** see Heeringa P, 1695
- Klöppling C:** see Van Hoffen E, 1991
- Knapp DJ:** see Niehans GA, 129
- Knittel T, Aurisch S, Neubauer K, Eichhorst S, Ramadori G:** Cell-type-specific expression of neural cell adhesion molecule (N-CAM) in ito cells of rat liver: Up-regulation during *in vitro* activation and in hepatic tissue repair, 449
- Knowles DM:** see Cesarman E, 53
- Knuechel R, Siebert-Wellenhofer A, Traub O, Dermietzel R:** Connexin expression and intercellular communication in two- and three-dimensional *in vitro* cultures of human bladder carcinoma, 1321
- Kobayashi M, Kawashima A, Mai M, Ooi A:** Analysis of chromosome 17p13 (p53 locus) alterations in gastric carcinoma cells by dual-color fluorescence *in situ* hybridization, 1575
- Kobayashi T:** see Mori N, 699
- Kocher O, Cheresh P, Lee SW:** Identification and partial characterization of a novel membrane-associated protein (MAP17) up-regulated in human carcinomas and modulating cell replication and tumor growth, 493
- Kojima A:** see Ueda M, 831
- Kojiro M:** see Higaki K, 429
- Koo EH:** see Crain BJ, 1087
- Koss MN:** see Hayashi T, 1241
- Koss M:** see Guinee D Jr., 531
- Köster R, Blatt LM, Streubert M, Zietz C, Hermeking H, Brysch W, Stürzl M:** Consensus-interferon and platelet-derived growth factor adversely regulate proliferation and migration of kaposi's sarcoma cells by control of *c-myc* expression, 1871
- Kovacs A, Weber ML, Burns LJ, Jacob HS, Vercellotti GM:** Cytoplasmic sequestration of p53 in cytomegalovirus-infected human endothelial cells, 1531
- Kovacs G:** see Bugert P, 2081
- Kozioł JA:** see Okada Y, 37
- Krajewska M, Fenoglio-Preiser CM, Krajewski S, Song K, Macdonald JS, Stemmerman G, Reed JC:** Immunohistochemical analysis of Bcl-2 family proteins in adenocarcinomas of the stomach, 1449
- Krajewski S:** see Krajewska M, 1449
- Krajewski S:** see Schlaifer D, 177
- Krammer PH:** see Möller P, 9
- Krauss RS:** see Weintraub AS, 259
- Kriegsmann J:** see Müller-Ladner U, 1607
- Kroezen M:** see Pistor FHM, 337
- Krueger RR:** see Fini ME, 1287
- Krumwiede MD:** see White JG, 629
- Krüse KM:** see van Elsas A, 883
- Ksiazek-Reding H, Tracz E, Yang L-s, Dickson DW, Simon M, Wall JS:** Ultrastructural instability of paired helical filaments from corticobasal degeneration as examined by scanning transmission electron microscopy, 639
- Kunkel DD:** see Fukuchi K-i, 219
- Kunkel SL:** see Driscoll KE, 1627
- Kuo H-J:** see Wu X-X, 283
- Kurt A-M:** see Guillou L, 1221
- Kwiatkowski DJ:** see Björnsson J, 1201
- Lackner AA:** see Lane JH, 1097
- Lackner AA:** see Sasseville VG, 163, 1459
- Lahpor J:** see Van Hoffen E, 1991
- Lai C-L:** see Wu P-C, 1167
- Laissue JA:** see Mazzucchelli L, 501
- Lamant L:** see Beylot-Barry M, 483
- Lamb BT:** see Calingasan NY, 1063
- Lamszus K, Joseph A, Jin L, Yao Y, Chowdhury S, Fuchs A, Poverini PJ, Goldberg ID, Rosen EM:** Scatter factor binds to thrombospondin and other extracellular matrix components, 805

- Lan HY, Mu W, Yang N, Meinhardt A, Nikolic-Paterson DJ, Ng YY, Bacher M, Atkins RC, Bucala R:** *De novo* renal expression of macrophage migration inhibitory factor during the development of rat crescentic glomerulonephritis, 1119
- Lane JH, Tarantal AF, Pauley D, Marthas M, Miller CJ, Lackner AA:** Localization of simian immunodeficiency virus nucleic acid and antigen in brains of fetal macaques inoculated *in utero*, 1097
- Langille BL:** see Vyalov S, 2107
- Languino LR:** see Fornaro M, 765
- Lantuejoul S:** see Brambilla E, 1941
- Larsson E:** see Akyürek LM, 1981
- Lau JY-N:** see Wu P-C, 1167
- Lau VK-T:** see Wu P-C, 1167
- Lauer U:** see Brauchle M, 521
- Laurent G:** see Schlaifer D, 177
- Laver AJ:** see Pratt JR, 2055
- Lawrence JA:** see Steeg PS, 733
- Layfield LJ:** see McDonagh DP, 1363
- Lazarovits AI:** see Brezinschek RI, 1651
- LeBoeuf RC:** see Fukuchi K-i, 219
- Ledbetter SR:** see Senger DR, 293
- Lee H:** see Yi ES, 539, 1303, 1963
- Lee SW:** see Kocher O, 493
- Lee VM-Y:** see Iwatsubo T, 1823
- Lei W-H:** see Liu J-Y, 205
- Leisinger H-J:** see Guillou L, 1221
- Leist M:** see Böhlinger I, 1381
- Le Moullec J-M:** see Schütz S, 2067
- Leoncini L:** see Gambacorta M, 2023
- Lepoittevin J-P:** see Pistorio FHM, 337
- Levy-Lahad E:** see Murphy GM Jr., 1839
- Li H:** see Park YN, 1485
- Li M, Zhang Z-F, Reuter VE, Cordon-Cardo C:** Chromosome 3 allelic losses and microsatellite alterations in transitional cell carcinoma of the urinary bladder, 229
- Li Y:** see Motosugi H, 963
- Liau G:** see Winkles JA, 2119
- Lichtman AH, Cybulsky M, Luscinskas FW:** Immunology of atherosclerosis: The promise of mouse models, 351
- Lieber MM:** see Qian J, 1193
- Limoges J:** see Persidsky Y, 1027
- Linehan WM:** see Lubensky IA, 2089
- Lingen MW, Polverini PJ, Bouck NP:** Retinoic acid induces cells cultured from oral squamous cell carcinomas to become anti-angiogenic, 247
- Linnoila RI:** see Martínez A, 707
- Liotta LA:** see Hayashi T, 1241
- Lipsky PE:** see Brezinschek RI, 1651
- Liso A:** see Gambacorta M, 2023
- Liu J-Y, Morris GF, Lei W-H, Corti M, Brody AR:** Up-regulated expression of transforming growth factor- α in the bronchiolar-alveolar duct regions of asbestos-exposed rats, 205
- Liu J:** see McDonagh DP, 1363
- Lluís F:** see Erill N, 1333
- Lo C-K:** see Wu P-C, 1167
- Loda M, Capodice P, Mishra R, Yao H, Corless C, Grigioni W, Wang Y, Magi-Galluzzi C, Stork PJS:** Expression of mitogen-activated protein kinase phosphatase-1 in the early phases of human epithelial carcinogenesis, 1553
- Loetscher P:** see Mazzucchelli L, 501
- Löhrs U:** see Zietz C, 1887
- Löning T:** see Riethdorf L, 1469
- López-Hoyos M:** see Carrió R, 2133
- Loskutoff DJ:** see Estellés A, 1229
- Loskutoff DJ:** see Luther T, 101
- Loughlin KR:** see Huang S-F, 1565
- Louis DN:** see Platten M, 621
- Lubensky IA, Gnarr JR, Bertheau P, Walther MCM, Linehan WM, Zhuang Z:** Allelic deletions of the *VHL* gene detected in multiple microscopic clear cell renal lesions in von hippel-lindau disease patients, 2089
- Lugli SM:** see Schnyder B, 1369
- Luscinskas FW:** see Goetz DJ, 1661
- Luscinskas FW:** see Lichtman AH, 351
- Lusso P:** see Valente G, 1501
- Luther T, Flössel C, Mackman N, Bierhaus A, Kasper M, Albrecht S, Sage EH, Iruela-Arispe L, Grossmann H, Ströhmlein A, Zhang Y, Nawroth PP, Carmeliet P, Loskutoff DJ:** Tissue factor expression during human and mouse development, 101
- Ma N, Hunt NH, Madigan MC, Chan-Ling T:** Correlation between enhanced vascular permeability, up-regulation of cellular adhesion molecules and monocyte adhesion to the endothelium in the retina during the development of fatal murine cerebral malaria, 1745
- Mabuchi K:** see Iwamoto KS, 399
- Macdonald JS:** see Krajewska M, 1449
- Macedo AM:** see Vago AR, 2153
- Mackay CR:** see Sasaseville VG, 1459
- Mackie EJ:** see Riley GP, 933
- Mackman N:** see Luther T, 101
- Madigan MC:** see Ma N, 1745
- Madlener M:** see Brauchle M, 521
- Madri JA:** see Petzelbauer E, 923
- Madsen J:** see Warner TF, 1737
- Maeda H:** see Setoguchi K, 2005
- Maes A:** see van den Oord JJ, 1953

- Magi-Galluzzi C:** see Loda M, 1553
Mai M: see Kobayashi M, 1575
Maier JAM, Morelli D, Ménard S, Colnaghi MI, Balsari A: Tumor-necrosis-factor-induced fibroblast growth factor-1 acts as a survival factor in a transformed endothelial cell line, 945
Majesky MW: see Winkles JA, 2119
Malicki DM: see Yi ES, 1963
Manara MC: see Scotlandi K, 1209
Mann DMA: see Iwatsubo T, 1823
Mansfield KG: see Sasseville VG, 1459
Marsden PA: see Chen J, 597
Martano M: see Scotlandi K, 1209
Marthas M: see Lane JH, 1097
Martin GM: see Fukuchi K-i, 219
Martínez A, Treston AM, Saldise L, Montuenga LM, Linnoila RI: Expression of peptidyl-glycine α -amidating mono-oxygenase (PAM) enzymes in morphological abnormalities adjacent to pulmonary tumors, 707
Maruyama Y: see Nakazato K, 1831
Masiello L: see Cornali E, 1851
Masliah E: *In vivo* modeling of HIV-1 mediated neurodegeneration, 745
Mason JB: see Kim Y-I, 1129
Massip P: see Schlaifer D, 177
Mathieson PW: see Qasim FJ, 81
Matrisian LM: see Heppner KJ, 273
Matsubara M: see Fini ME, 1287
Matsumoto S: see Müller-Ladner U, 1607
Matsumura Y: see Woodman AC, 1519
Matsuo H: see Yamamoto T, 1271
Mazzucchelli L, Loetscher P, Kappeler A, Ugucioni M, Baggiolini M, Laissue JA, Mueller C: Monocyte chemoattractant protein-1 gene expression in prostatic hyperplasia and prostate adenocarcinoma, 501
McClain SA, Simon M, Jones E, Nandi A, Gailit JO, Tonnesen MG, Newman D, Clark RAF: Mesenchymal cell activation is the rate-limiting step of granulation tissue induction, 1257
McComb R: see Persidsky Y, 1027
McCoy JA: see Scott MA, 2161
McCurley TL: see Scott MA, 2161
McDaniel KM: see Hao J, 1341
McDonagh DP, Liu J, Gaffey MJ, Layfield LJ, Azumi N, Traweek ST: Detection of kaposi's sarcoma-associated herpesvirus-like DNA sequences in angiosarcoma, 1363
McDonald JM: see Pan ZG, 903
McNally AK, DeFife KM, Anderson JM: Interleukin-4-induced macrophage fusion is prevented by inhibitors of mannose receptor activity, 975
Meinhardt A: see Lan HY, 1119
Mekada E: see Nakamura Y, 575
Ménard S: see Maier JAM, 945
Mencarelli A: see Gambacorta M, 2023
Merino J: see Carrió R, 2133
Merino R: see Carrió R, 2133
Metsäranta M: see Savontaus M, 2169
Metthez G: see Guillou L, 1221
Michalopoulos G: see Demetris AJ, 439
Miettinen A: see Holthöfer H, 1009
Mikata A: see Ueda T, 1435
Miller BF: see Kilgore KS, 953
Miller CJ: see Lane JH, 1097
Min BH: see Tehranian A, 1177
Mishra R: see Loda M, 1553
Miyaike M: see Yabuki N, 997
Mizugaki Y: see Wen S, 1511
Mizuno T: see Iwamoto KS, 399
Mølandsmo GM, Holm R, Fodstad O, Kerbel RS, Flørenes VA: Cyclin kinase inhibitor $p21^{WAF1/CIP1}$ in malignant melanoma: Reduced expression in metastatic lesions, 1813
Möller P, Walczak H, Riedl S, Sträter J, Krammer PH: Paneth cells express high levels of CD95 ligand transcripts: A unique property among gastrointestinal epithelia, 9
Monaco R: see Giaretti W, 237
Montuenga LM: see Martínez A, 707
Morelli D: see Maier JAM, 945
Mori N, Yatabe Y, Oka K, Kinoshita T, Kobayashi T, Ono T, Asai J: Expression of perforin in nasal lymphoma: Additional evidence of its natural killer cell derivation, 699
Mori N: see Yatabe Y, 1351
Morita Y: see Ueda M, 831
Moriyama H: see Yamamoto T, 1271
Moro D: see Brambilla E, 1941
Morris DW: see Tehranian A, 1177
Morris GF: see Liu J-Y, 205
Moser R: see Schnyder B, 1369
Motosugi H, Graham H, Noblitt TW, Doyle NA, Quinlan WM, Li Y, Doerschuk CM: Changes in neutrophil actin and shape during sequestration induced by complement fragments in rabbits, 963
Mountz J: see Pan ZG, 903
Mowat AM: see Garside P, 1971
Mu W: see Lan HY, 1119
Mueller C: see Mazzucchelli L, 501
Mueller-Lantzsch N: see Herbst H, 1727
Müller-Ladner U, Kriegsmann J, Franklin BN, Matsumoto S, Geiler T, Gay RE, Gay S: Synovial fibroblasts of patients with rheumatoid arthritis attach to and invade normal human cartilage when engrafted into SCID mice, 1607
Murphy GM Jr., Forno LS, Ellis WG, Nochlin D,

- Levy-Lahad E, Poorkaj P, Bird TD, Jiang Z, Cordell B:** Antibodies to presenilin proteins detect neurofibrillary tangles in Alzheimer's disease, 1839
- Murphy GM Jr.:** see Higgins LS, 585
- Muschel RJ, Tykocinski M, Padarathsingh M:** Link between tumor progression, proteases, and cell motility: Pathology b workshop, 1073
- Muskhelishvili L, Turturro A, Hart RW, James SJ:** π -class glutathione-S-transferase-positive hepatocytes in aging b6C3F1 mice undergo apoptosis induced by dietary restriction, 1585
- Myllärniemi M:** see Chen J, 597
- Nador RG:** see Cesarman E, 53
- Nagle RB:** see Hao J, 1341
- Nagura H:** see Yabuki N, 997
- Nagy P:** see Santoni-Rugiu E, 407
- Naito M:** see Umeda S, 559
- Naito M:** see Yamamoto T, 1271
- Naito S:** see Nakayama T, 1931
- Nájera L:** see Tabernero D, 153
- Nakamura Y, Iwamoto R, Mekada E:** Expression and distribution of CD9 in myelin of the central and peripheral nervous systems, 575
- Nakashima M:** see Nakayama T, 1931
- Nakatsukasa H:** see Ashida K, 1803
- Nakayama T, Ito M, Ohtsuru A, Naito S, Nakashima M, Fagin JA, Yamashita S, Sekine I:** Expression of the *ets-1* proto-oncogene in human gastric carcinoma: Correlation with tumor invasion, 1931
- Nakazato K, Ishibashi T, Shindo J, Shiomi M, Maruyama Y:** Expression of very low density lipoprotein receptor mRNA in rabbit atherosclerotic lesions, 1831
- Nandi A:** see McClain SA, 1257
- Nargund V:** see Sugino T, 873
- Navarro JL:** see Orfao A, 1493
- Nawroth PP:** see Luther T, 101
- Negoescu A:** see Brambilla E, 1941
- Neilsen N:** see Richards WG, 1919
- Neubauer K:** see Knittel T, 449
- Newman D:** see McClain SA, 1257
- Newman LS:** see Inoue Y, 2037
- Ng YY:** see Lan HY, 1119
- Nguyen K:** see Firestein GS, 2143
- Nickeleit V, Kaufman AH, Zagachin L, Dutt JE, Foster CS, Colvin RB:** Healing corneas express embryonic fibronectin isoforms in the epithelium, subepithelial stroma, and endothelium, 549
- Nickoloff BJ:** see Foreman KE, 795
- Niehans GA, Cherwitz DL, Staley NA, Knapp DJ, Dalmasso AP:** Human carcinomas variably express the complement inhibitory proteins CD46 (membrane cofactor protein), CD55 (decay-accelerating factor), and CD59 (protectin), 129
- Nigro S:** see Giaretti W, 237
- Nikkari ST, Höyhty M, Isola J, Nikkari T:** Macrophages contain 92-kd gelatinase (MMP-9) at the site of degenerated internal elastic lamina in temporal arteritis, 1427
- Nikkari T:** see Nikkari ST, 1427
- Nikolic-Paterson DJ:** see Lan HY, 1119
- Nishimura M:** see Nose M, 1763
- Noblitt TW:** see Motosugi H, 963
- Nochlin D:** see Fukuchi K-i, 219
- Nochlin D:** see Murphy GM Jr., 1839
- Nomoto K:** see Winkles JA, 2119
- Noordzij MA, van Weerden WM, de Ridder CMA, van der Kwast TH, Schröder FH, van Steenbrugge GJ:** Neuroendocrine differentiation in human prostatic tumor models, 859
- Nose M, Nishimura M, Ito MR, Itoh J, Shibata T, Sugisaki T:** Arteritis in a novel congenic strain of mice derived from MRL/lpr lupus mice: Genetic dissociation from glomerulonephritis and limited autoantibody production, 1763
- Nottet HSLM:** see Persidsky Y, 1027
- Nouso K:** see Ashida K, 1803
- Nozaki N:** see Yabuki N, 997
- Núñez G:** see Carrió R, 2133
- Nunez G:** see Foreman KE, 795
- Nuys J:** see van den Oord JJ, 1953
- O'Connor CM:** see Finlay GA, 1405
- O'Donnell MD:** see Finlay GA, 1405
- Ogburn CE:** see Fukuchi K-i, 219
- Ohara S:** see Yabuki N, 997
- Ohguchi S:** see Ashida K, 1803
- Ohtsuru A:** see Nakayama T, 1931
- Oka K:** see Mori N, 699
- Oka K:** see Yatabe Y, 1351
- Okada Y, Copeland BR, Hamann GF, Koziol JA, Cheresh DA, del Zoppo GJ:** Integrin $\alpha_v\beta_3$ is expressed in selected microvessels after focal cerebral ischemia, 37
- Olanow CW:** see Good PF, 21
- Oliveira DBG:** see Qasim FJ, 81
- Oliveira RP:** see Vago AR, 2153
- Oliviero M:** see Scotlandi K, 1209
- Ono T:** see Mori N, 699
- Ooi A:** see Kobayashi M, 1575
- Oppenheimer-Marks N:** see Brezinschek RI, 1651
- Orfao A, Escribano L, Villarrubia J, Velasco JL, Cerveró C, Ciudad J, Navarro JL, San Miguel**

- JF:** Flow cytometric analysis of mast cells from normal and pathological human bone marrow samples: Identification and enumeration, 1493
- Orfão A:** see Tabernero D, 153
- Ozaki M:** see Kaga K, 45
- Pacini R:** see Gambacorta M, 2023
- Padarathsingh M:** see Muschel RJ, 1073
- Palestro G:** see Valente G, 1501
- Pan ZG, Radding W, Zhou T, Hunter E, Mountz J, McDonald JM:** Role of calmodulin in HIV-potentiated fas-mediated apoptosis, 903
- Papadopoulos-Sergiou A:** see Senger DR, 293
- Park YN, Abe K, Li H, Hsuih T, Thung SN, Zhang DY:** Detection of hepatitis c virus RNA using ligation-dependent polymerase chain reaction in formalin-fixed, paraffin-embedded liver tissues, 1485
- Parks WC:** see Fini ME, 1287
- Pasqualucci L:** see Gambacorta M, 2023
- Patil A:** see Persidsky Y, 1027
- Paul LC:** see Chen J, 597
- Pauley DR:** see Sasseville VG, 163, 1459
- Pauley D:** see Lane JH, 1097
- Peifley KA:** see Winkles JA, 2119
- Pellicci P-G:** see Gambacorta M, 2023
- Pena SDJ:** see Vago AR, 2153
- Pennica D:** see Benigni F, 1847
- Penning R:** see Zietz C, 1887
- Pereira MES:** see Vago AR, 2153
- Peress NS:** see Tóth K, 853
- Pérez-Simón JA:** see Tabernero D, 153
- Perl DP:** see Good PF, 21
- Perruzzi CA:** see Senger DR, 293
- Persidsky Y, Limoges J, McComb R, Bock P, Baldwin T, Tyor W, Patil A, Nottet HSLM, Epstein L, Gelbard H, Flanagan E, Reinhard J, Pirruccello SJ, Gendelman HE:** Human immunodeficiency virus encephalitis in SCID mice, 1027
- Peterson M:** see Polunovsky VA, 115
- Peterson RL, Bozza MM, Dorner AJ:** Interleukin-11 induces intestinal epithelial cell growth arrest through effects on retinoblastoma protein phosphorylation, 895
- Petzelbauer E, Springhorn JP, Tucker AM, Madri JA:** Role of plasminogen activator inhibitor in the reciprocal regulation of bovine aortic endothelial and smooth muscle cell migration by TGF- β 1, 923
- Picker LJ:** see Zunino SJ, 653
- Piguet P:** see Yi ES, 539
- Pileri S:** see Gambacorta M, 2023
- Pinto A:** see Gruss H-J, 469
- Pirruccello SJ:** see Persidsky Y, 1027
- Pistoor FHM, Rambukkana A, Kroezen M, Lepoitevin J-P, Bos JD, Kapsenberg ML, Das PK:** Novel predictive assay for contact allergens using human skin explant cultures, 337
- Platten M, Giordano MJ, Dirven CMF, Gutmann DH, Louis DN:** Up-regulation of specific *NF1* gene transcripts in sporadic pilocytic astrocytomas, 621
- Poetsch M:** see Weber-Matthiesen K, 463
- Pogribny IP:** see Kim Y-I, 1129
- Polunovsky VA, Ingbar DH, Peterson M, Bitterman PB:** Cell fusion to study nuclear-cytoplasmic interactions in endothelial cell apoptosis, 115
- Polunovsky V:** see Henke C, 1639
- Polverini PJ:** see Foreman KE, 795
- Polverini PJ:** see Lamszus K, 805
- Polverini PJ:** see Lingen MW, 247
- Polyak K, Hamilton SR, Vogelstein B, Kinzler KW:** Early alteration of cell-cycle-regulated gene expression in colorectal neoplasia, 381
- Poon M, Hsu WC, Bogdanov VY, Taubman MB:** Secretion of monocyte chemotactic activity by cultured rat aortic smooth muscle cells in response to PDGF is due predominantly to the induction of JE/MCP-1, 307
- Poorkaj P:** see Murphy GM Jr., 1839
- Poston RN, Johnson-Tidey RR:** Localized adhesion of monocytes to human atherosclerotic plaques demonstrated *in vitro*: Implications for atherogenesis, 73
- Pour PM, Kazakoff K:** Stimulation of islet cell proliferation enhances pancreatic ductal carcinogenesis in the hamster model, 1017
- Pour PM:** see Erill N, 1333
- Pral F:** see Riethdorf L, 1469
- Pratt JR, Hibbs MJ, Laver AJ, Smith RAG, Sacks SH:** Effects of complement inhibition with soluble complement receptor-1 on vascular injury and inflammation during renal allograft rejection in the rat, 2055
- Price DL:** see Calingasan NY, 1063
- Price DL:** see Crain BJ, 1087
- Pris J:** see Schlaifer D, 177
- Pujic N:** see Giaretti W, 237
- Qasim FJ, Mathieson PW, Sendo F, Thiru S, Oliveira DBG:** Role of neutrophils in the pathogenesis of experimental vasculitis, 81
- Qi M:** see Yi ES, 1303
- Qian J, Bostwick DG, Takahashi S, Borell TJ, Brown JA, Lieber MM, Jenkins RB:** Comparison of fluorescence *in situ* hybridization analysis of isolated nuclei and routine histological sections from paraffin-embedded prostatic adenocarcinoma specimens, 1193

- Quan DE:** see Simpson JF, 751
Quezado MM: see Keleti J, 143
Quinlan WM: see Motosugi H, 963
Qureshi A: see Emeson EE, 675
- Raap AK:** see Tabernero D, 153
Radding W: see Pan ZG, 903
Radinsky R: see Kitadai Y, 1157
Raffeld M: see Keleti J, 143
Raizman MB: see Fini ME, 1287
Ramadori G: see Knittel T, 449
Rambukkana A: see Pistoor FHM, 337
Rand JH: see Wu X-X, 283
Ranieri E: see Di Paolo S, 2095
Rapallo A: see Giaretti W, 237
Rathore A, Sacristán C, Ricklan DE, Flores Villanueva PO, Stadercker MJ: *In situ* analysis of b7-2 costimulatory, major histocompatibility complex class II, and adhesion molecule expression in schistosomal egg granulomas, 187
Rauch E: see Zietz C, 1887
Reato G: see Valente G, 1501
Reed JC: see Krajewska M, 1449
Reed JC: see Schlaifer D, 177
Reifenberger G: see Reifenberger J, 29
Reifenberger J, Reifenberger G, Ichimura K, Schmidt EE, Wechsler W, Collins VP: Epidermal growth factor receptor expression in oligodendroglial tumors, 29
Reinhard J: see Persidsky Y, 1027
Reis DA: see Vago AR, 2153
Reivinen J: see Holthöfer H, 1009
Remick DG: see Villarete LH, 1685
Remick DG: see Yi ES, 1303
Renshaw AA: see Huang S-F, 1565
Reuter VE: see Li M, 229
Richards WG, Yoder BK, Isfort RJ, Detilleux PG, Foster C, Neilsen N, Woychik RP, Wilkinson JE: Oval cell proliferation associated with the murine insertional mutation *TgN737Rpw*, 1919
Ricklan DE: see Rathore A, 187
Riedl S: see Möller P, 9
Riethdorf L, Riethdorf S, Glützlaß K, Prall F, Lönning T: Differential expression of the monocyte chemoattractant protein-1 gene in human papilloma-virus-16-infected squamous intraepithelial lesions and squamous cell carcinomas of the cervix uteri, 1469
Riethdorf S: see Riethdorf L, 1469
Rifai A, Brysch W, Fadden K, Clark J, Schlingensiepen K-H: Clearance kinetics, biodistribution, and organ saturability of phosphorothioate oligodeoxynucleotides in mice, 717
- Rigal-Huguet F:** see Schlaifer D, 177
Riley GP, Harrall RL, Cawston TE, Hazleman BL, Mackie EJ: Tenascin-c and human tendon degeneration, 933
Rinehart WB: see Fini ME, 1287
Ringler DJ: see Sasseville VG, 1459
Rodgers WH: see Heppner KJ, 273
Rogalla P, Drechsler K, Frey G, Hennig Y, Helmke B, Bonk U, Bullerdiek J: HMGI-c expression patterns in human tissues: Implications for the genesis of frequent mesenchymal tumors, 775
Ruijters JFM: see Van der Velde-Zimmermann D, 759
Romijn JC: see van Weerden WM, 1055
Roongta U: see Henke C, 1639
Rosada C: see Furuta K, 1147
Rosen EM: see Lamszus K, 805
Rosen EM: see Yao Y, 1707
Rosenwald A: see Weber-Matthiesen K, 463
Ruiter DJ: see van Elsas A, 883
Russell PS, Chase CM, Colvin RB: Accelerated atheromatous lesions in mouse hearts transplanted to apolipoprotein-e-deficient recipients, 91
Rustum YM: see Tóth K, 853
Ryffel B: see Schnyder B, 1369
- Sacco S:** see Benigni F, 1847
Sacks SH: see Pratt JR, 2055
Sacristán C: see Rathore A, 187
Sadow PM: see Fini ME, 1287
Saffiotti U: Alveolar type II cells at the crossroad of inflammation, fibrogenesis, and neoplasia, 1423
Sage EH: see Luther T, 101
Sahlstrand P: see Vingsbo C, 1675
Said JW: see Cesarman E, 53
Saido TC: see Iwatsubo T, 1823
Saldise L: see Martínez A, 707
Salehi HA: see Dellian M, 59
Salomon RN: see Kim Y-I, 1129
Sancho FJ: see Erill N, 1333
San Miguel JF: see Orfao A, 1493
San Miguel JF: see Tabernero D, 153
Santoni-Rugiu E, Nagy P, Jensen MR, Factor VM, Thorgeirsson SS: Evolution of neoplastic development in the liver of transgenic mice co-expressing *c-myc* and transforming growth factor- α , 407
Sarosi I: see Yi ES, 539
Sasahara M: see Amano S, 329
Sasano H: see Kaga K, 45
Sasano H: see Yabuki N, 997
Sasseville VG, Du Z, Chalifoux LV, Pauley DR, Young HL, Sehgal PK, Desrosiers RC, Lackner

- AA:** Induction of lymphocyte proliferation and severe gastrointestinal disease in macaques by a nef gene variant of SIVmac239, 163
- Sasseville VG, Smith MM, Mackay CR, Pauley DR, Mansfield KG, Ringler DJ, Lackner AA:** Chemokine expression in simian immunodeficiency virus-induced AIDS encephalitis, 1459
- Sato S:** see Kaga K, 45
- Satyamoorthy K:** see Herlyn M, 739
- Sauter M:** see Herbst H, 1727
- Savill J:** see Stern M, 911
- Savin VJ:** see Adler S, 987
- Savontaus M, Metsäranta M, Vuorio E:** Retarded skeletal development in transgenic mice with a type II collagen mutation, 2169
- Saxne T:** see Vingsbo C, 1675
- Schaefer RF:** see Bardales RH, 821, 845
- Schena FP:** see Di Paolo S, 2095
- Schlaifer D, Krajewski S, Galoin S, Rigal-Huguet F, Laurent G, Massip P, Pris J, Delsol G, Reed JC, Brousset P:** Immunodetection of apoptosis-regulating proteins in lymphomas from patients with and without human immunodeficiency virus infection, 177
- Schlegelberger B:** see Weber-Matthiesen K, 463
- Schlingensiepen K-H:** see Rifai A, 717
- Schmidt EE:** see Reifemberger J, 29
- Schnyder B, Lugli SM, Schnyder-Candrian S, Eng VM, Moser R, Banchereau J, Ryffel B, Car BD:** Biochemical and morphological characterization of vascular and lymphocytic interleukin-4 receptors, 1369
- Schnyder-Candrian S:** see Schnyder B, 1369
- Schork NJ:** see Wolf NG, 511
- Schrier PI:** see van Elsas A, 883
- Schröder FH:** see Noordzij MA, 859
- Schröder FH:** see van Weerden WM, 1055
- Schütz S, Le Moullec J-M, Corvol P, Gasc J-M:** Early expression of all the components of the renin-angiotensin-system in human development, 2067
- Schwartz S:** see Wolf NG, 511
- Scotlandi K, Baldini N, Oliviero M, Di Renzo MF, Martano M, Serra M, Manara MC, Comoglio PM, Ferracini R:** Expression of met/hepatocyte growth factor receptor gene and malignant behavior of musculoskeletal tumors, 1209
- Scott MA, McCurley TL, Vnencak-Jones CL, Hager C, McCoy JA, Anderson B, Collins RD, Edwards KM:** Cat scratch disease: Detection of *Bartonella henselae* DNA in archival biopsies from patients with clinically, serologically, and histologically defined disease, 2161
- Seaberg EC:** see Demetris AJ, 439
- Secchiero P:** see Valente G, 1501
- Sehgal PK:** see Sasseville VG, 163
- Sekine I:** see Nakayama T, 1931
- Selkoe DJ:** see Calingasan NY, 1063
- Sendo F:** see Qasim FJ, 81
- Senger DR:** Molecular framework for angiogenesis: A complex web of interactions between extravasated plasma proteins and endothelial cell proteins induced by angiogenic cytokines, 1
- Senger DR, Ledbetter SR, Claffey KP, Papadopoulos-Sergiou A, Perruzzi CA, Detmar M:** Stimulation of endothelial cell migration by vascular permeability factor/vascular endothelial growth factor through cooperative mechanisms involving the $\alpha_v\beta_3$ integrin, osteopontin, and thrombin, 293
- Serikawa T:** see Amano S, 329
- Serra M:** see Scotlandi K, 1209
- Setoguchi K, Takeya M, Akaike T, Suga M, Hattori R, Maeda H, Ando M, Takahashi K:** Expression of inducible nitric oxide synthase and its involvement in pulmonary granulomatous inflammation in rats, 2005
- Seyama T:** see Iwamoto KS, 399
- Shanley JR:** see Kato S, 687
- Sharma R:** see Adler S, 987
- Shen M-L:** see Emeson EE, 675
- Sheu K-FR:** see Calingasan NY, 1063
- Shibata T:** see Nose M, 1763
- Shimazaki J:** see Ueda T, 1435
- Shimizu N:** see Wen S, 1511
- Shindo J:** see Nakazato K, 1831
- Shinozaki F:** see Wen S, 1511
- Shiomi M:** see Nakazato K, 1831
- Shiraishi T:** see Ueda T, 1435
- Short MP:** see Björnsson J, 1201
- Shultz LD:** see Umeda S, 559
- Sidransky D:** see Steiner G, 1791
- Siebert-Wellenhofer A:** see Knuechel R, 1321
- Silver SA:** see Hurr K, 613
- Simon M:** see Ksiazak-Reding H, 639
- Simon M:** see McClain SA, 1257
- Simonian PL:** see Foreman KE, 795
- Simpson AJG:** see Vago AR, 2153
- Simpson JF, Quan DE, Ho JP, Slovak ML:** Genetic heterogeneity of primary and metastatic breast carcinoma defined by fluorescence *in situ* hybridization, 751
- Singh MK:** see Zunino SJ, 653
- Sipponen P:** see Tani T, 781
- Sisodia SS:** see Calingasan NY, 1063
- Sisodia SS:** see Crain BJ, 1087
- Slocum HK:** see Tóth K, 853
- Slovak ML:** see Arber DA, 1105
- Slovak ML:** see Simpson JF, 751

- Slunt HH:** see Crain BJ, 1087
Smith CA: see Gruss H-J, 469
Smith DE: see Kim Y-I, 1129
Smith JD: see Calingasan NY, 1063
Smith MM: see Sasseville VG, 1459
Smith PGJ, Yeoh GCT: Chronic iron overload in rats induces oval cells in the liver, 389
Smith RAG: see Pratt JR, 2055
Solin M-L: see Holthöfer H, 1009
Song K: see Krajewska M, 1449
Spetz A-L, Strominger J, Groh-Spies V: T cell subsets in normal human epidermis, 665
Spitzauer S: see Exner M, 1313
Springhorn JP: see Petzelbauer E, 923
Srivastava G: see Tao Q, 1111
Stadecker MJ: see Rathore A, 187
Staley NA: see Niehans GA, 129
Starling J: see Warner TF, 1737
Stas M: see van den Oord JJ, 1953
Steeg PS, Clare SE, Lawrence JA, Zhou Q: Molecular analysis of premalignant and carcinoma *in situ* lesions of the human breast, 733
Steel M: see Garside P, 1971
Steiner G, Sidransky D: Molecular differential diagnosis of renal carcinoma: From microscopes to microsatellites, 1791
Stemme S: see Zhou X, 359
Stemmerman G: see Krajewska M, 1449
Stern M, Savill J, Haslett C: Human monocyte-derived macrophage phagocytosis of senescent eosinophils undergoing apoptosis: Mediation by $\alpha_v\beta_3$ /CD36/thrombospondin recognition mechanism and lack of phlogistic response, 911
Stetler-Stevenson WG: see Hayashi T, 1241
Stork PJS: see Loda M, 1553
Sträter J: see Möller P, 9
Streubert M: see Köster R, 1871
Ströhlein A: see Luther T, 101
Strominger J: see Spetz A-L, 665
Stuij I: see Van Hoffen E, 1991
Stürzl M: see Cornali E, 1851
Stürzl M: see Köster R, 1871
Stürzl M: see Zietz C, 1887
Suga M: see Setoguchi K, 2005
Sugino T, Gorham H, Yoshida K, Bolodeoku J, Nargund V, Cranston D, Goodison S, Tarin D: Progressive loss of CD44 gene expression in invasive bladder cancer, 873
Sugino T: see Woodman AC, 1519
Sugisaki T: see Nose M, 1763
Sugiyama M: see Woodman AC, 1519
Suh YK: see Yi ES, 1303
Susani M: see Exner M, 1313
Sze C-I: see Crain BJ, 1087
Tabernero D, San Miguel JF, García-Sanz R, Nájera L, García-Isidoro M, Pérez-Simón JA, González M, Wiegant J, Raap AK, Orfão A: Incidence of chromosome numerical changes in multiple myeloma: Fluorescence *in situ* hybridization analysis using 15 chromosome-specific probes, 153
Tahara E: see Kitadai Y, 1157, 1541
Takada K: see Wen S, 1511
Takagi K: see Umeda S, 559
Takahashi K: see Setoguchi K, 2005
Takahashi K: see Umeda S, 559
Takahashi S: see Qian J, 1193
Takahashi Y: see Kitadai Y, 1157, 1541
Takeichi N: see Iwamoto KS, 399
Takeya M: see Setoguchi K, 2005
Talbot IC: see Ilyas M, 1719
Tallini G: see Fornaro M, 765
Tamaru J-i: see Ueda T, 1435
Tanaka S: see Ueda M, 831
Tanci LN: see Gambacorta M, 2023
Tang L: see Tron VA, 1139
Tang W: see Yi ES, 1303
Tani T, Karttunen T, Kiviluoto T, Kivilaakso E, Burgeson RE, Sipponen P, Virtanen I: $\alpha_6\beta_4$ integrin and newly deposited laminin-1 and laminin-5 form the adhesion mechanism of gastric carcinoma: Continuous expression of laminins but not that of collagen VII is preserved in invasive parts of the carcinomas: Implic, 781
Tao Q, Srivastava G, Dickens P, Ho FCS: Detection of epstein-barr virus-infected mucosal lymphocytes in nasal polyps, 1111
Tarantal AF: see Lane JH, 1097
Tarin D: see Sugino T, 873
Tarin D: see Woodman AC, 1519
Tarpley J: see Yi ES, 539, 1963
Tateno C, Yoshizato K: Growth and differentiation in culture of clonogenic hepatocytes that express both phenotypes of hepatocytes and biliary epithelial cells, 1593
Taubman MB: see Poon M, 307
Taubman MB: see Weintraub AS, 259
Taurog JD: see Warner TF, 1737
Tehrani A, Morris DW, Min BH, Bird DJ, Cardiff RD, Barry PA: Neoplastic transformation of prostatic and urogenital epithelium by the polyoma virus middle t gene, 1177
Thinakaran G: see Crain BJ, 1087
Thinnes T: see Estellés A, 1229
Thiru S: see Qasim FJ, 81
Thompson CB: see Foreman KE, 795
Thorgeirsson SS: see Santoni-Rugiu E, 407
Thung SN: see Park YN, 1485

- Tiegs G:** see Böhlinger I, 1381
Tilanus MGJ: see Van der Velde-Zimmermann D, 759
Tinkle SS: see Inoue Y, 2037
Tomlinson IPM: see Ilyas M, 1719
Tonnesen MG: see McClain SA, 1257
Tostes S: see Vago AR, 2153
Tóth K, Vaughan MM, Peress NS, Slocum HK, Rustum YM: *MDR1* p-glycoprotein is expressed by endothelial cells of newly formed capillaries in human gliomas but is not expressed in the neovasculature of other primary tumors, 853
Toyota T: see Yabuki N, 997
Tracz E: see Ksiezak-Reding H, 639
Traub O: see Knuechel R, 1321
Travis WD: see Hayashi T, 1241
Travis W: see Guinee D Jr., 531
Traweek ST: see McDonagh DP, 1363
Treston AM: see Martínez A, 707
Trojanowski JQ: see Iwatsubo T, 1823
Tron VA, Tang L, Yong WP, Trotter MJ: Differentiation-associated overexpression of the cyclin-dependent kinase inhibitor p21^{waf-1} in human cutaneous squamous cell carcinoma, 1139
Trotter MJ: see Tron VA, 1139
Tschachler E: see Cornali E, 1851
Tsokos M: see Keleti J, 143
Tsuji T: see Ashida K, 1803
Tucker AM: see Petzelbauer E, 923
Tucker SL: see Kitadai Y, 1541
Turturro A: see Muskhelishvili L, 1585
Tykocinski M: see Muschel RJ, 1073
Tyor W: see Persidsky Y, 1027
- Ueda M, Becker AE, Kasayuki N, Kojima A, Morita Y, Tanaka S:** *In situ* detection of platelet-derived growth factor- α and - β chain mRNA in human coronary arteries after percutaneous transluminal coronary angioplasty, 831
Ueda T, Ichikawa T, Tamaru J-i, Mikata A, Akakura K, Akimoto S, Imai T, Yoshie O, Shiraishi T, Yatani R, Ito H, Shimazaki J: Expression of the KAI1 protein in benign prostatic hyperplasia and prostate cancer, 1435
Uemura S: see Amano S, 329
Uguccioni M: see Mazzucchelli L, 501
Ulich TR: see Yi ES, 539, 1303, 1963
Umeda S, Takahashi K, Shultz LD, Naito M, Takagi K: Effects of macrophage colony-stimulating factor on macrophages and their related cell populations in the osteopetrosis mouse defective in production of functional macrophage colony-stimulating factor protein, 559
- Umezū H:** see Yamamoto T, 1271
Urabe Y: see Ashida K, 1803
Uson RR: see Wu X-X, 283
- Vachino G:** see Goetz DJ, 1661
Vago AR, Macedo AM, Oliveira RP, Andrade LO, Chiari E, Galvão LMC, Reis DA, Pereira MES, Simpson AJG, Tostes S, Pena SDJ: Kinetoplast DNA signatures of *Trypanosoma cruzi* strains obtained directly from infected tissues, 2153
Vaillant L: see Beylot-Barry M, 483
Valente G, Secchiero P, Lusso P, Abele MC, Jemma C, Reato G, Kerim S, Gallo RC, Palestro G: Human herpesvirus 6 and Epstein-Barr virus in Hodgkin's disease: A controlled study by polymerase chain reaction and *in situ* hybridization, 1501
van den Born J: see Heeringa P, 1695
van den Oord JJ, Maes A, Stas M, Nuyts J, Battocchio S, Kasran A, Garmyn M, De Wever I, De Wolf-Peeters C: CD40 is a prognostic marker in primary cutaneous malignant melanoma, 1953
Van den Tweel JG: see Van der Velde-Zimmermann D, 759
Van Den Tweel J: see Van Hoffen E, 1991
van der Flier S: see van Elsas A, 883
van der Kwast TH: see Noordzij MA, 859
van der Kwast TH: see van Weerden WM, 1055
Van der Velde-Zimmermann D, Roijers JFM, Bouwens-Rombouts A, De Weger RA, De Graaf PW, Tilanus MGJ, Van den Tweel JG: Molecular test for the detection of tumor cells in blood and sentinel nodes of melanoma patients, 759
van Elsas A, Zerp SF, van der Flier S, Krüse KM, Aarnoudse C, Hayward NK, Ruiter DJ, Schrier PI: Relevance of ultraviolet-induced *n-ras* oncogene point mutations in development of primary human cutaneous melanoma, 883
Van Hoffen E, Van Wichen D, Stuij I, De Jonge N, Klöpping C, Lahpor J, Van Den Tweel J, Gmelig-Meyling F, De Weger R: *In situ* expression of cytokines in human heart allografts, 1991
van Steenbrugge GJ: see Noordzij MA, 859
van Steenbrugge GJ: see van Weerden WM, 1055
van Weerden WM, de Ridder CMA, Verdaasdonk CL, Romijn JC, van der Kwast TH, Schröder FH, van Steenbrugge GJ: Development of seven new human prostate tumor xenograft models and their histopathological characterization, 1055
van Weerden WM: see Noordzij MA, 859
Van Wichen D: see Van Hoffen E, 1991
Vaughan MM: see Tóth K, 853
Velasco JL: see Orfao A, 1493
Vercellotti GM: see Kovacs A, 1531

- Verdaasdonk CL:** see van Weerden WM, 1055
- Vergier B:** see Beylot-Barry M, 483
- Villarete LH, Remick DG:** Transcriptional and post-transcriptional regulation of interleukin-8, 1685
- Villarrubia J:** see Orfao A, 1493
- Vingsbo C, Sahlstrand P, Brun JG, Jonsson R, Saxne T, Holmdahl R:** Pristane-induced arthritis in rats: A new model for rheumatoid arthritis with a chronic disease course influenced by both major histocompatibility complex and non-major histocompatibility complex genes, 1675
- Virtanen I:** see Tani T, 781
- Vnencak-Jones CL:** see Scott MA, 2161
- Vogelstein B:** see Polyak K, 381
- Vonderheid EC:** see Bigler RD, 1477
- von Schilling C:** see Gruss H-J, 469
- Vuorio E:** see Savontaus M, 2169
- Vyalov S, Langille BL, Gottlieb AI:** Decreased blood flow rate disrupts endothelial repair *in vivo*, 2107
- Wagner AD:** see Brauchle M, 521
- Wagner RD:** see Warner TF, 1737
- Walczak H:** see Möller P, 9
- Wall JS:** see Ksiezak-Reding H, 639
- Walls J:** see Guinee D Jr., 531
- Walther MCM:** see Lubensky IA, 2089
- Wan YH:** see Foley R, 1395
- Wang N-S:** see Yi ES, 539
- Wang Y:** see Loda M, 1553
- Ward PA:** Role of complement in lung inflammatory injury, 1079
- Warner TF, Madsen J, Starling J, Wagner RD, Taurog JD, Balish E:** Human HLA-b27 gene enhances susceptibility of rats to oral infection by *Listeria monocytogenes*, 1737
- Warren JS:** see Kilgore KS, 953
- Weber ML:** see Kovacs A, 1531
- Weber-Matthiesen K, Deerberg-Wittram J, Rosenwald A, Poetsch M, Grote W, Schlegelberger B:** Translocation t(2;5) is not a primary event in hodgkin's disease: Simultaneous immunophenotyping and interphase cytogenetics, 463
- Wechsler W:** see Reifenberger J, 29
- Weening JJ:** see Heeringa P, 1695
- Wegiel J:** see Fukuchi K-i, 219
- Wehnes E:** see Gruss H-J, 469
- Weintraub AS, Giachelli CM, Krauss RS, Almeida M, Taubman MB:** Autocrine secretion of osteopontin by vascular smooth muscle cells regulates their adhesion to collagen gels, 259
- Wen S, Shimizu N, Yoshiyama H, Mizugaki Y, Shinozaki F, Takada K:** Association of epstein-barr virus (EBV) with sjögren's syndrome: Differential EBV expression between epithelial cells and lymphocytes in salivary glands, 1511
- Wendel A:** see Bohlinger I, 1381
- Weninger W:** see Cornali E, 1851
- Wennerberg A:** see Demetris AJ, 439
- Werner P:** see Good PF, 21
- Werner S:** see Brauchle M, 521
- West-Mays JA:** see Fini ME, 1287
- White JG, Krumwiede MD, Cocking-Johnson D, Escobar G:** Prelabeled glycoprotein ib/IX receptors are not cleared from exposed surfaces of thrombin-activated platelets, 629
- Wiche G:** see Yaoita E, 319
- Wiegant J:** see Tabernero D, 153
- Wilkinson JE:** see Richards WG, 1919
- Williams ST:** see Yi ES, 1963
- Willoughby DA:** see Appleton I, 1441
- Wilson PA:** see Geradts J, 15
- Winkles JA, Alberts GF, Peifley KA, Nomoto K, Liao G, Majesky MW:** Postnatal regulation of fibroblast growth factor ligand and receptor gene expression in rat thoracic aorta, 2119
- Wisniewski HM:** see Fukuchi K-i, 219
- Witwer BP:** see Dellian M, 59
- Witzum JL:** see Exner M, 1313
- Wolf NG, Abdul-Karim FW, Schork NJ, Schwartz S:** Origins of heterogeneous ovarian carcinomas: A molecular cytogenetic analysis of histologically benign, low malignant potential, and fully malignant components, 511
- Woodman AC, Sugiyama M, Yoshida K, Sugino T, Borgya A, Goodison S, Matsumura Y, Tarin D:** Analysis of anomalous CD44 gene expression in human breast, bladder, and colon cancer and correlation of observed mRNA and protein isoforms, 1519
- Woodward M:** see Guinee D Jr., 531
- Worthey EA:** see Garside P, 1971
- Woychik RP:** see Richards WG, 1919
- Wright B:** see Gruss H-J, 469
- Wrone-Smith T:** see Foreman KE, 795
- Wu P-C, Fang JW-S, Lau VK-T, Lai C-L, Lo C-K, Lau JY-N:** Classification of hepatocellular carcinoma according to hepatocellular and biliary differentiation markers: Clinical and biological implications, 1167
- Wu X-X, Gordon RE, Gianville RW, Kuo H-J, Uson RR, Rand JH:** Morphological relationships of von willebrand factor, type VI collagen, and fibrillin in human vascular subendothelium, 283
- Xiao S:** see Huang S-F, 1565

Xie K: see Kitadai Y, 1157

Xie SS: see Bardales RH, 821, 845

Xing Z: see Foley R, 1395

Yabuki N, Sasano H, Kato K, Ohara S, Toyota T, Nagura H, Miyaike M, Nozaki N, Kikuchi A: Immunohistochemical study of DNA topoisomerase II in human gastric disorders, 997

Yajima A: see Kaga K, 45

Yamamoto T, Naito M, Moriyama H, Umezu H, Matsuo H, Kiwada H, Arakawa M: Repopulation of murine kupffer cells after intravenous administration of liposome-encapsulated dichloromethylene diphosphonate, 1271

Yamamoto T: see Yaoita E, 319

Yamashita S: see Nakayama T, 1931

Yan Z-q: see Akyürek LM, 1981

Yang JJ, Kettritz R, Falk RJ, Jennette JC, Gaido ML: Apoptosis of endothelial cells induced by the neutrophil serine proteases proteinase 3 and elastase, 1617

Yang L-s: see Ksiezak-Reding H, 639

Yang N: see Lan HY, 1119

Yang X-L: see Furuta K, 1147

Yang Y: see Hao J, 1341

Yano H: see Higaki K, 429

Yao H: see Loda M, 1553

Yao T: see Ilyas M, 1719

Yao Y, Jin L, Fuchs A, Joseph A, Hastings HM, Goldberg ID, Rosen EM: Scatter factor protein levels in human breast cancers: Clinicopathological and biological correlations, 1707

Yao Y: see Lamszus K, 805

Yaoita E, Wiche G, Yamamoto T, Kawasaki K, Kihara I: Perinuclear distribution of plectin characterizes visceral epithelial cells of rat glomeruli, 319

Yatabe Y, Oka K, Asai J, Mori N: Poor correlation between clonal immunoglobulin gene rearrangement and immunoglobulin gene transcription in hodgkin's disease, 1351

Yatabe Y: see Mori N, 699

Yatani R: see Ueda T, 1435

Yeo M: see Firestein GS, 2143

Yeoh GCT: see Smith PGJ, 389

Yi ES, Lee H, Suh YK, Tang W, Qi M, Yin S, Remick DG, Ulich TR: Experimental extrinsic allergic alveolitis and pulmonary angitis induced by intratracheal or intravenous challenge with *Corynebacterium parvum* in sensitized rats, 1303

Yi ES, Lee H, Yin S, Piguet P, Sarosi I, Kaufmann S, Tarpley J, Wang N-S, Ulich TR: Platelet-derived growth factor causes pulmonary cell proliferation and collagen deposition *in vivo*, 539

Yi ES, Williams ST, Lee H, Malicki DM, Chin EM, Yin S, Tarpley J, Ulich TR: Keratinocyte growth factor ameliorates radiation- and bleomycin-induced lung injury and mortality, 1963

Yin S: see Yi ES, 539, 1303, 1963

Yoder BK: see Richards WG, 1919

Yokoyama M: see Amano S, 329

Yong WP: see Tron VA, 1139

Yoshida K: see Ashida K, 1803

Yoshida K: see Sugino T, 873

Yoshida K: see Woodman AC, 1519

Yoshie O: see Ueda T, 1435

Yoshiyama H: see Wen S, 1511

Yoshizato K: see Tateno C, 1593

Young HL: see Sasseville VG, 163

Younkin SG: see Fukuchi K-i, 219

Yuan F: see Dellian M, 59

Zagachin L: see Nিকেleit V, 549

Zagonel V: see Gruss H-J, 469

Zahurak M: see Furuta K, 1147

Zerp SF: see van Elsas A, 883

Zhang DY: see Park YN, 1485

Zhang J: see Guinee D Jr., 531

Zhang Y: see Luther T, 101

Zhang Z-F: see Li M, 229

Zhou Q: see Steeg PS, 733

Zhou T: see Pan ZG, 903

Zhou X, Stemme S, Hansson GK: Evidence for a local immune response in atherosclerosis: CD4⁺ t cells infiltrate lesions of apolipoprotein-e-deficient mice, 359

Zhuang Z: see Lubensky IA, 2089

Zieske JD: see Fini ME, 1287

Zietz C, Hotz B, Stürzl M, Rauch E, Penning R, Löhrs U: Aortic endothelium in HIV-1 infection: Chronic injury, activation, and increased leukocyte adherence, 1887

Zietz C: see Cornali E, 1851

Zietz C: see Köster R, 1871

Zunino SJ, Singh MK, Bass J, Picker LJ: Immunodetection of histone epitopes correlates with early stages of apoptosis in activated human peripheral t lymphocytes, 653

Zvaifler NJ: see Firestein GS, 2143

